ANNUAL REPORT

1996/97

ANNUAL REPORT 1996/97

This report contains information on the performance of the health care system.

The following areas are covered: acute care, mental health, drug dependency, public health, home care, emergency health services, physician services, pharmacare, and denticare. In addition, there is a special topic area on women's health.

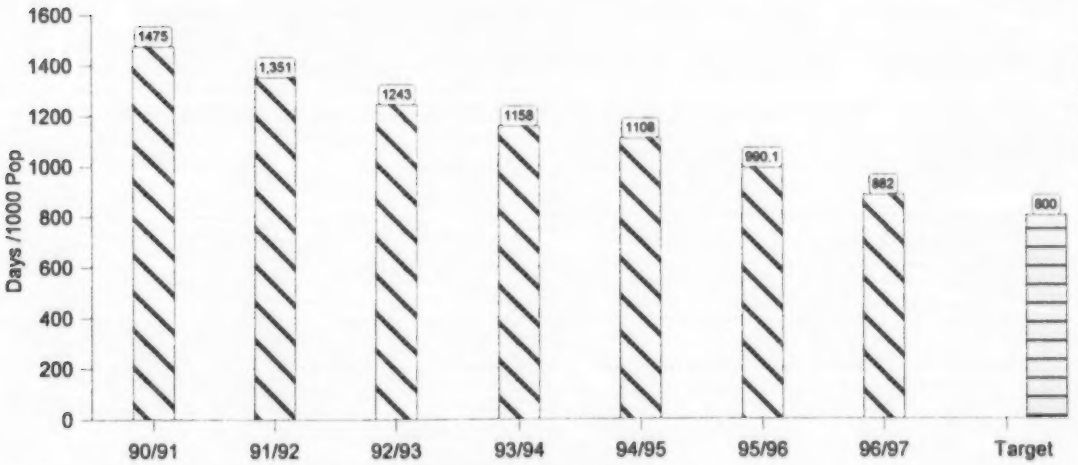
ACUTE CARE PROGRAMS

The following slides highlight:

Patient Days/1000 Population,
Beds/1000 Population and
Average Length of Stay.

PATIENT DAYS/1000 POPULATION

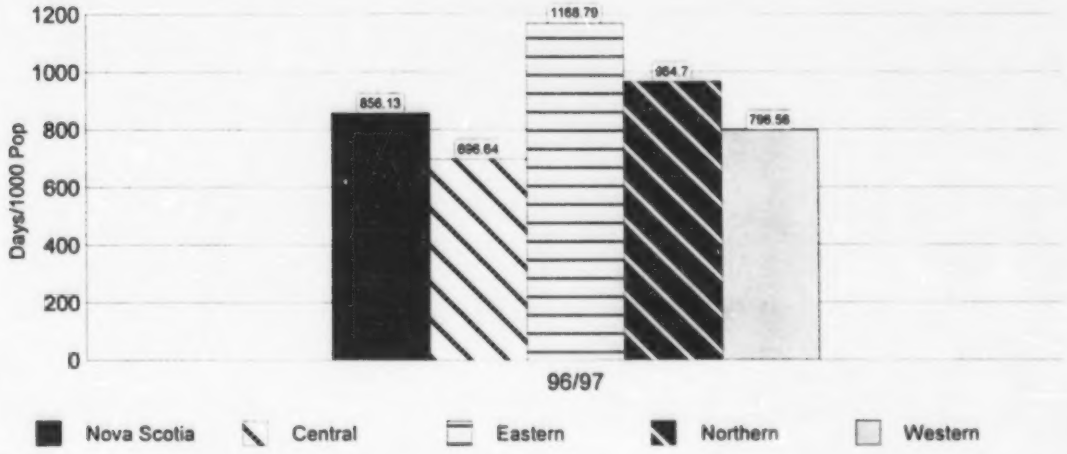
Nova Scotia - 1990/91 to 1996/97



Source: ASD System, NS Department of Health, 1990/91-1994/95
CIHI Database, NS Depart.of Health, 1995/96-1996/97

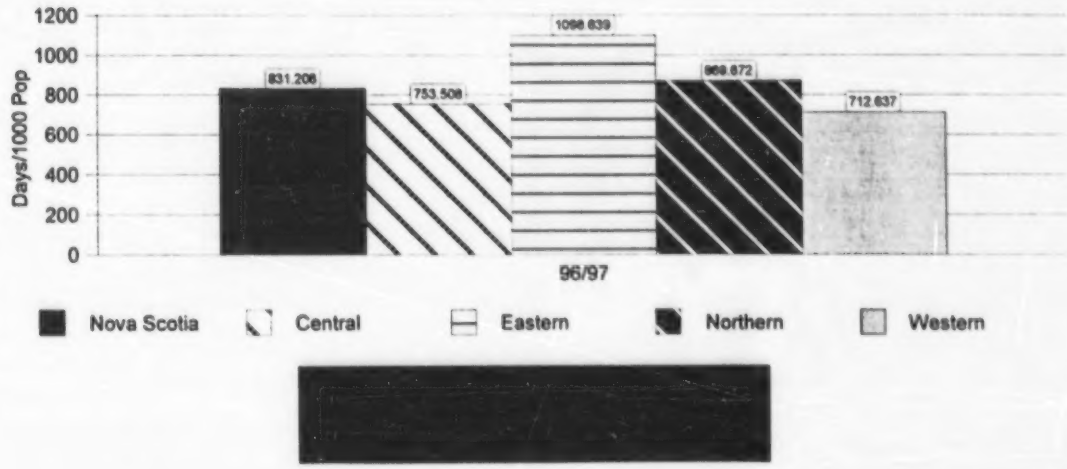
PATIENT DAYS/1000 POPULATION

Crude Rates/1000 Population by Region of Residence 1996/97



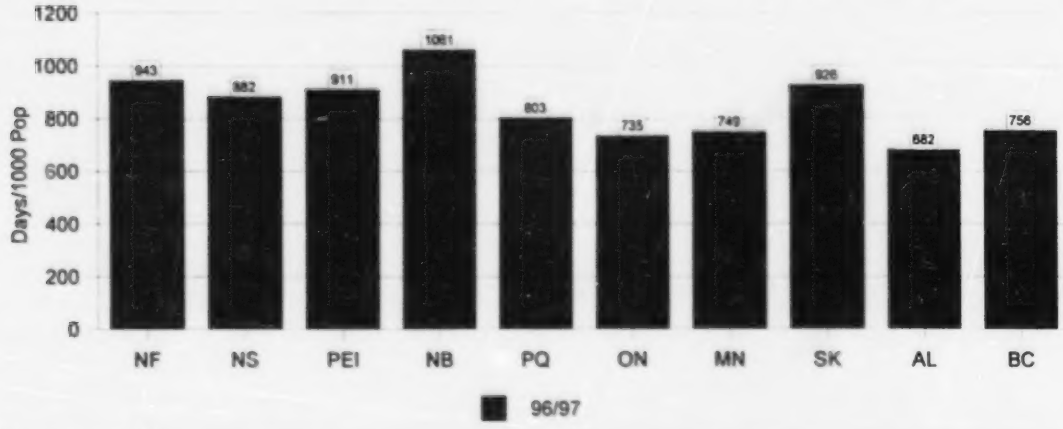
PATIENT DAYS/1000 POPULATION

Age-Standardized Rates/1000 to 1991 NS Population by Region of Residence -1996/97



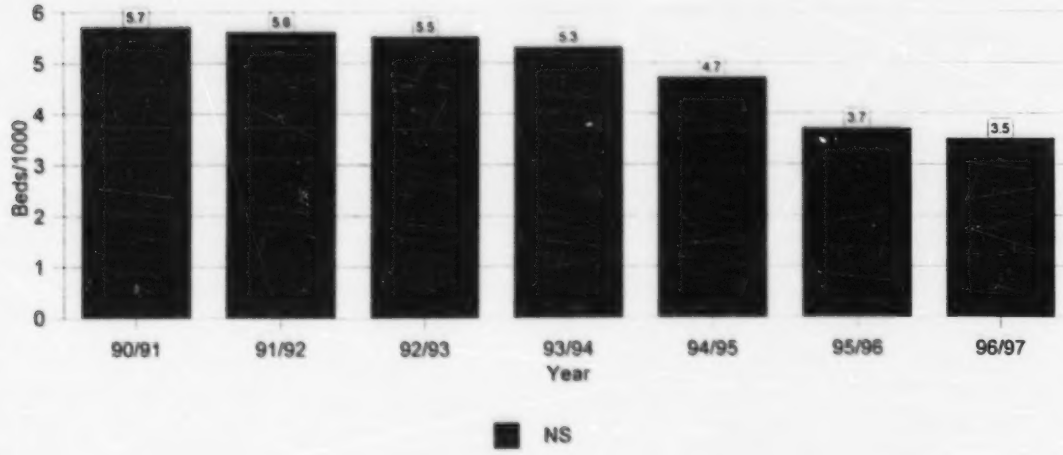
PATIENT DAYS/1000 POPULATION

Interprovincial Comparisons
Nova Scotia & P.Q. 96/97; Other Provinces 95/96



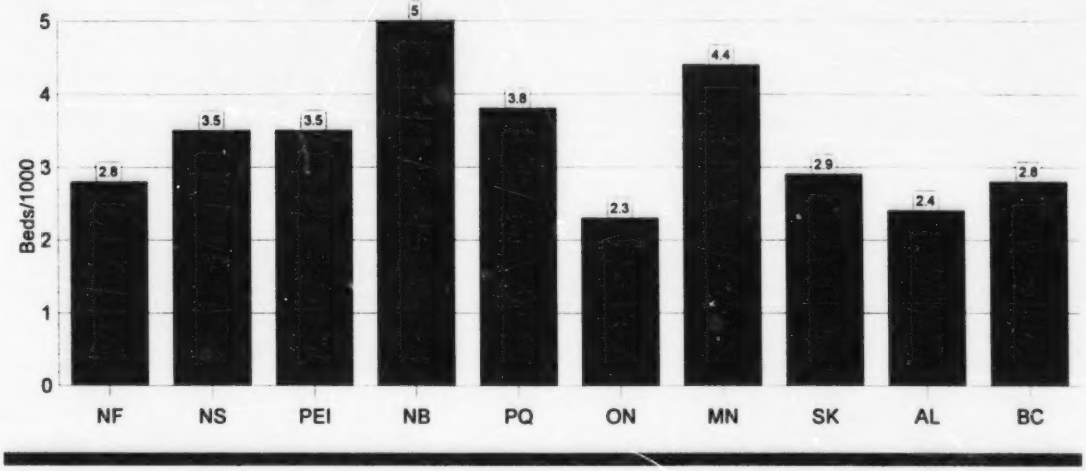
BEDS PER 1000 POPULATION

Nova Scotia 1990/91 to 1996/97



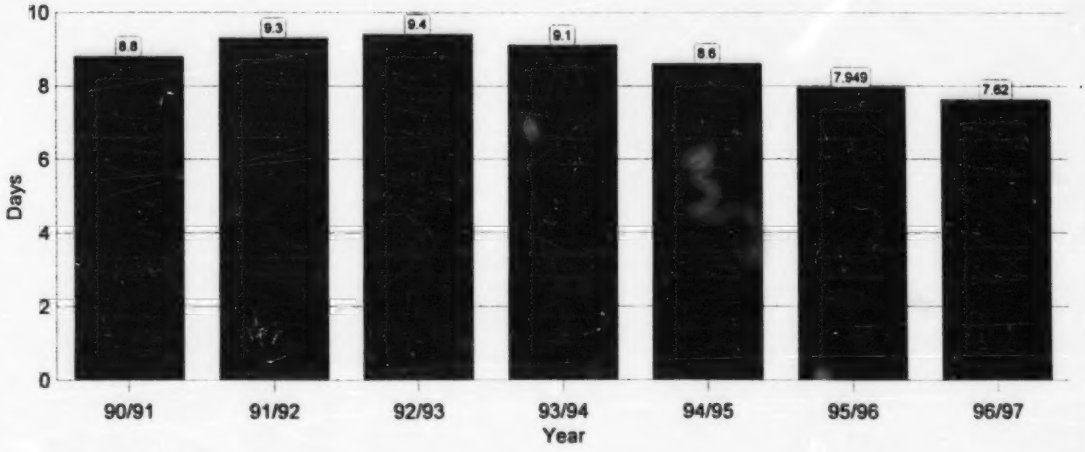
BEDS PER 1000 POPULATION

Interprovincial Comparisons
Nova Scotia 96/97, Other Provinces 95/96



AVERAGE LENGTH OF STAY

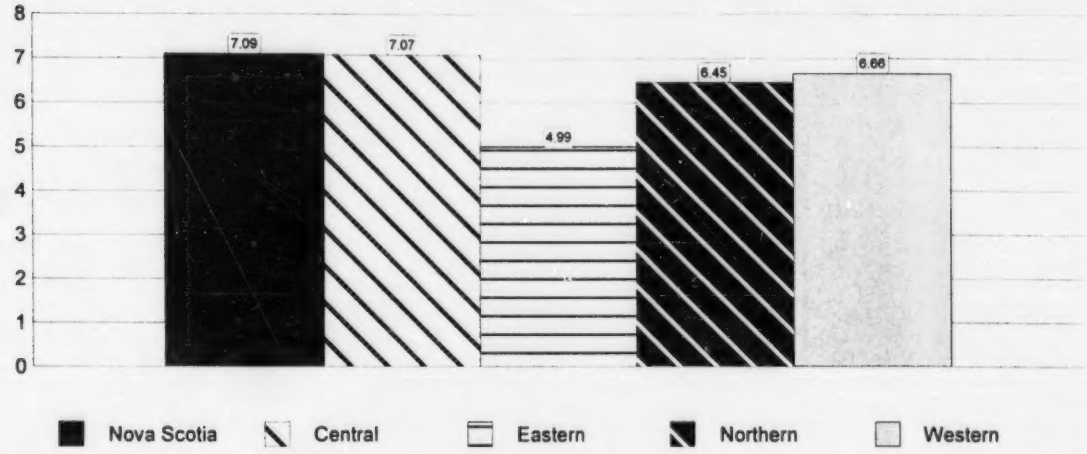
Acute Care - Medical/Surgical Cases*
Nova Scotia - 1990/91 to 1996/97



*Data excludes psychiatric care
Source: ASD System, NS Dept.of Health 1990/91-1994/95
CIHI Database, NS Dept.of Health 1995/96-1996/97

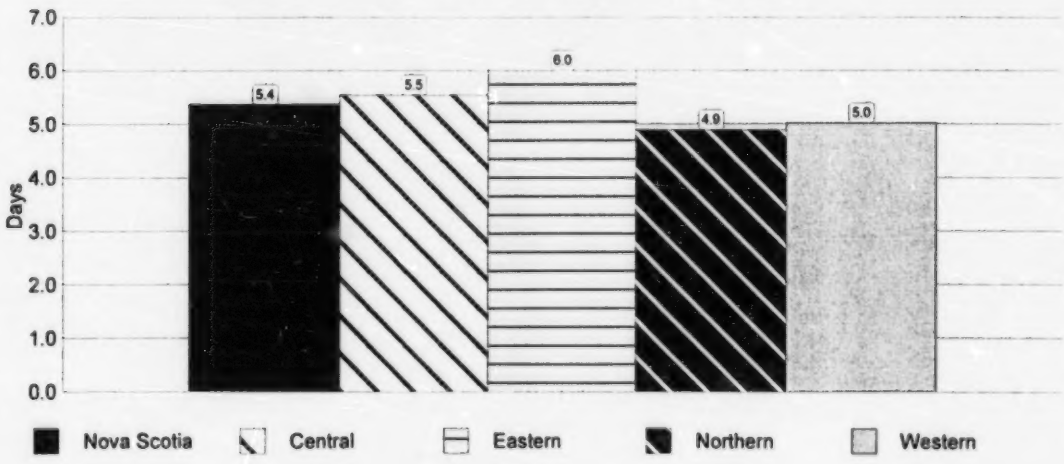
AVERAGE LENGTH OF STAY (UNWEIGHTED)

Acute Care - Medical/Surgical Cases
by Region of Residence - 1996/97



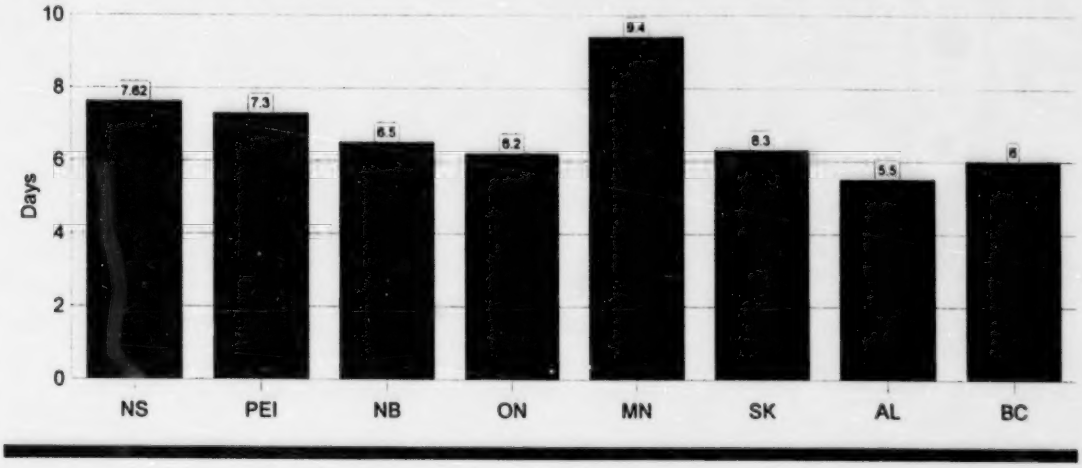
AVERAGE LENGTH OF STAY (WEIGHTED)

Acute Care - Medical/Surgical Cases
by Region of Residence - 1996/97



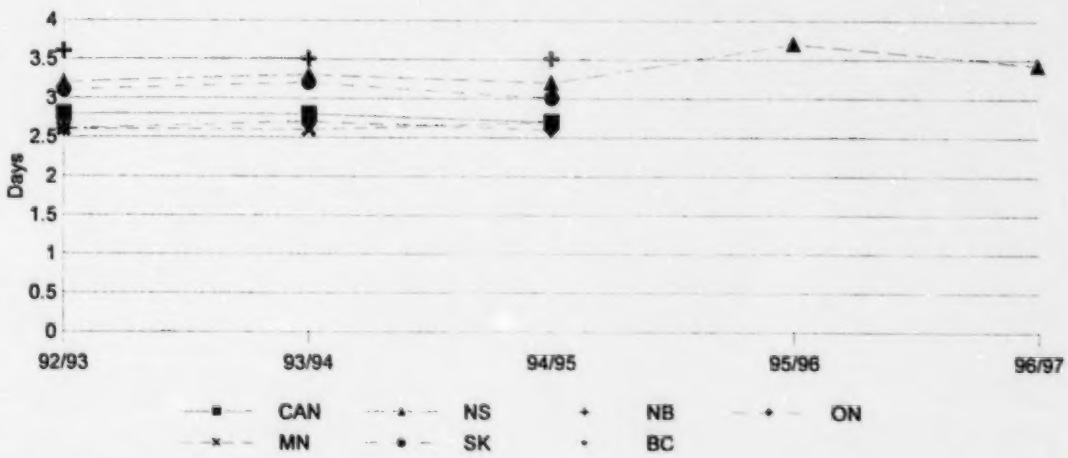
AVERAGE LENGTH OF STAY

Acute Care - Interprovincial Comparisons
Nova Scotia 96/97, Other Provinces 95/96



AVERAGE LENGTH OF STAY

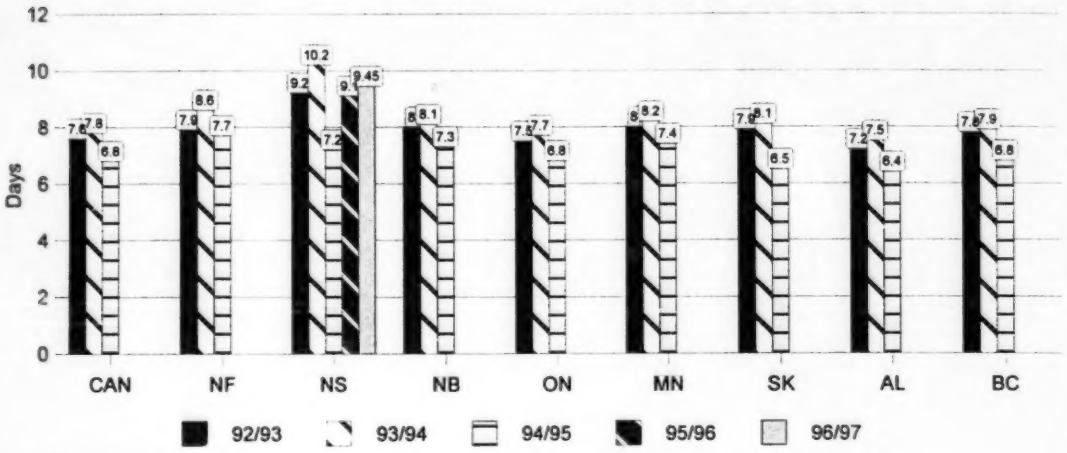
BRONCHITIS/ASTHMA - CMG 146*



*Inpatient cases only
Source: CIHI's Length of Stay Database by CMG for N.S.
and all other provinces 1992/93-1994/95
CIHI Database for N.S. 1995/96-1996/97

AVERAGE LENGTH OF STAY

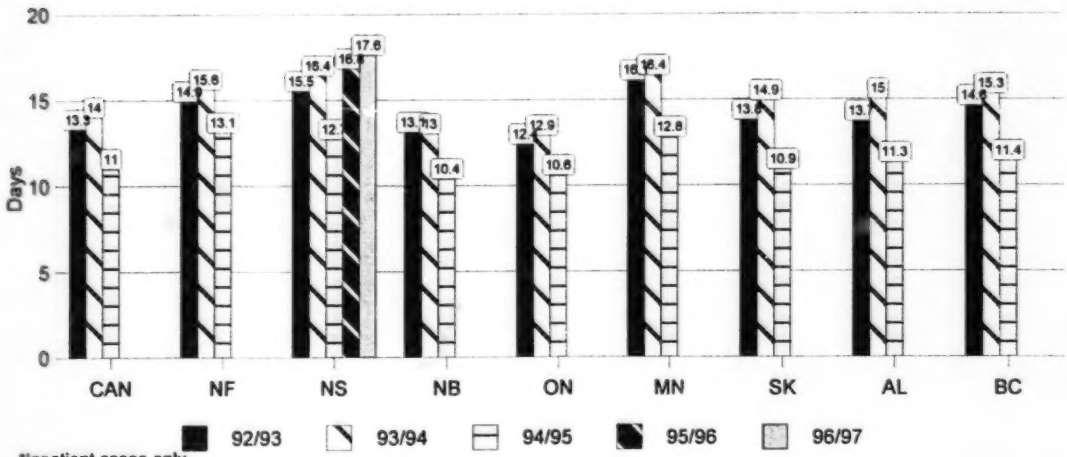
CHRONIC OBSTRUCTIVE PULMONARY DISEASE - CMG 136*



*Inpatient cases only.
Source: CIHI's Length of Stay Database by CMG for N.S.
And all other provinces 1992/93-1994/95
CIHI Database for N.S. 1995/96-1996/97

AVERAGE LENGTH OF STAY

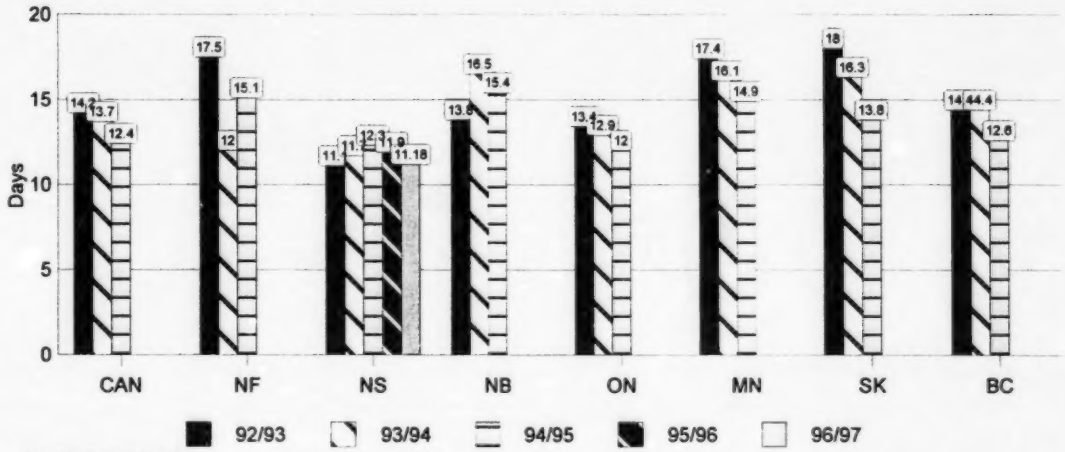
CEREBROVASCULAR DISORDERS EXCLUDING TIA's - CMG 013*



*Inpatient cases only
Source: CIHI's Length of Stay Database by CMG for N.S.
And all other provinces 1992/1993-1994/95
CIHI Database for N.S. 1995/96-1996/97

AVERAGE LENGTH OF STAY

FRACTURE OF HIP AND PELVIS - CMG 390*



*Inpatient cases only.
Source: CIHI's Length of Stay Database by CMG for N.S. and all other provinces 1992/93-1994/95
CIHI Database for N.S. 1995/96-1996/97

ACUTE CARE PROGRAMS

The following slides highlight:

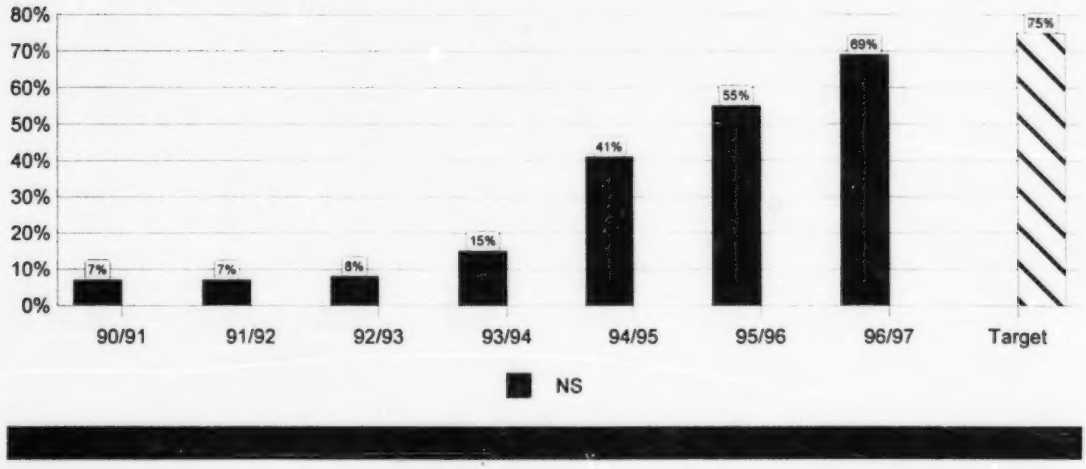
Elective Surgery Performed on the Day of Admission,

Day Surgery as a Percent of All Surgery,

Elective Day Surgery as a Percent of Elective Surgery and

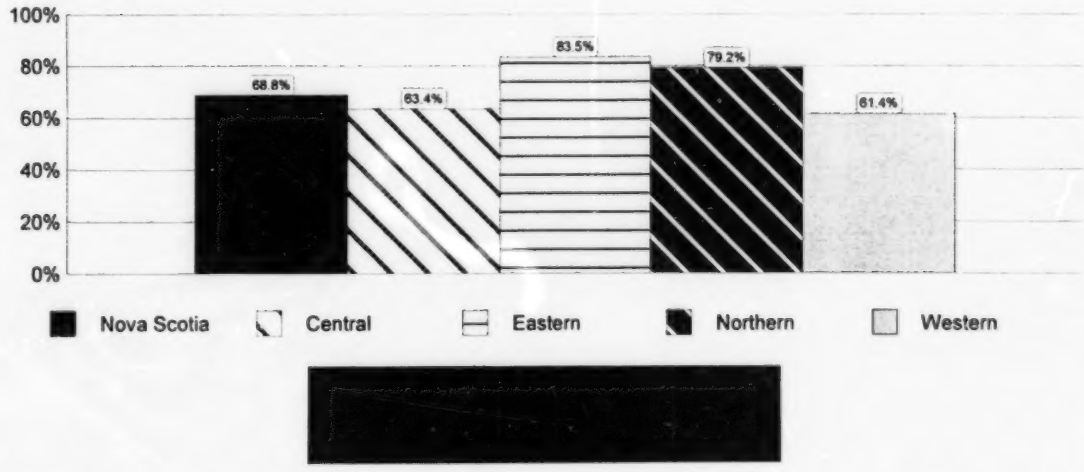
Inpatient Surgery that could be moved to Day Surgery.

ELECTIVE SURGERY PERFORMED ON THE DAY OF ADMISSION

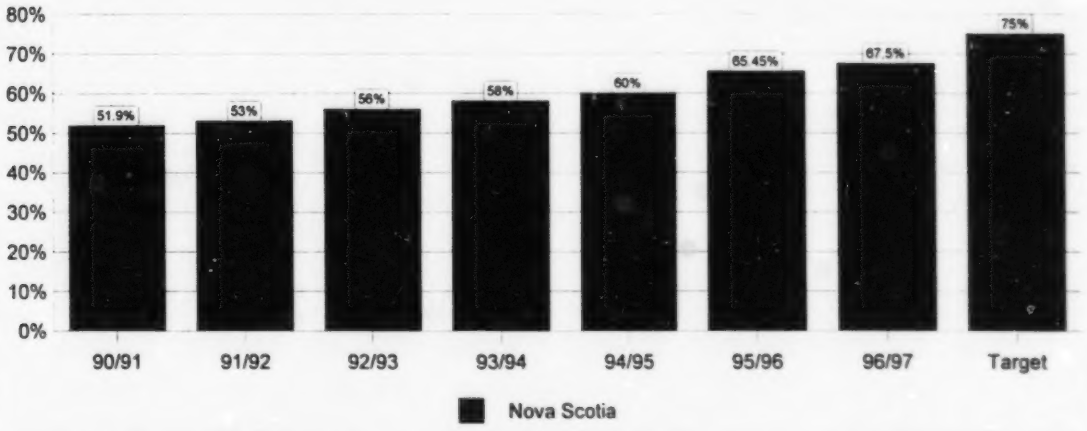


% OF ELECTIVE SURGERY ON DAY OF ADMISSION

By Region of Hospitalization - 1996/97

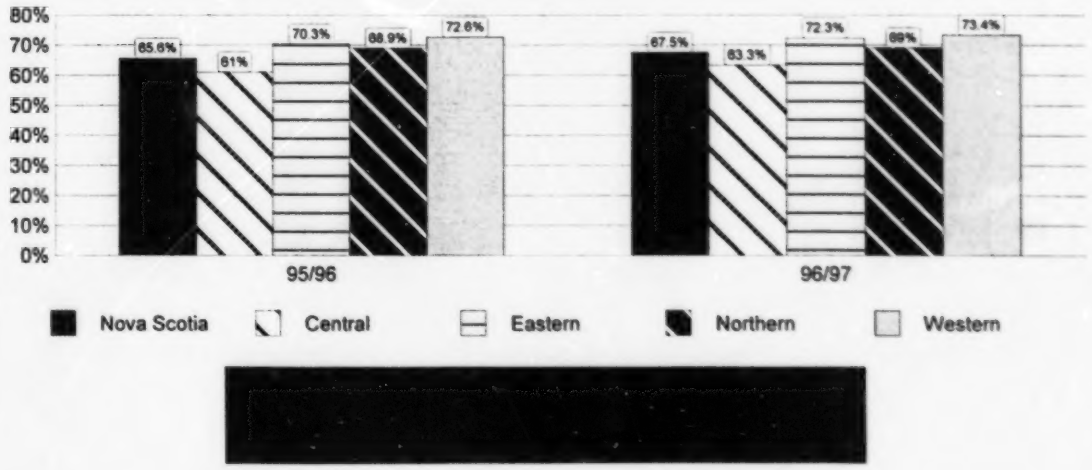


DAY SURGERY AS A PERCENTAGE OF ALL SURGERY



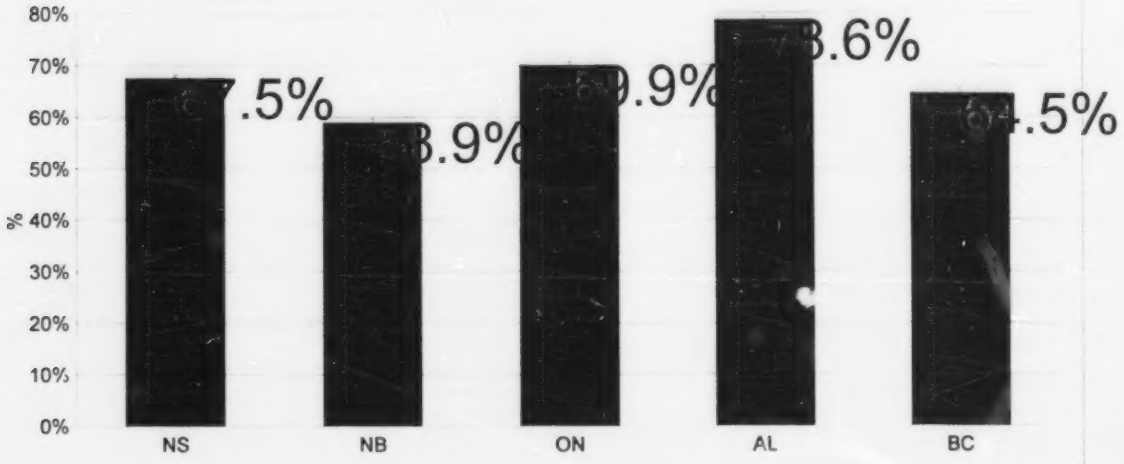
DAY SURGERY AS A PERCENTAGE OF ALL SURGERY

By Region of Hospitalization



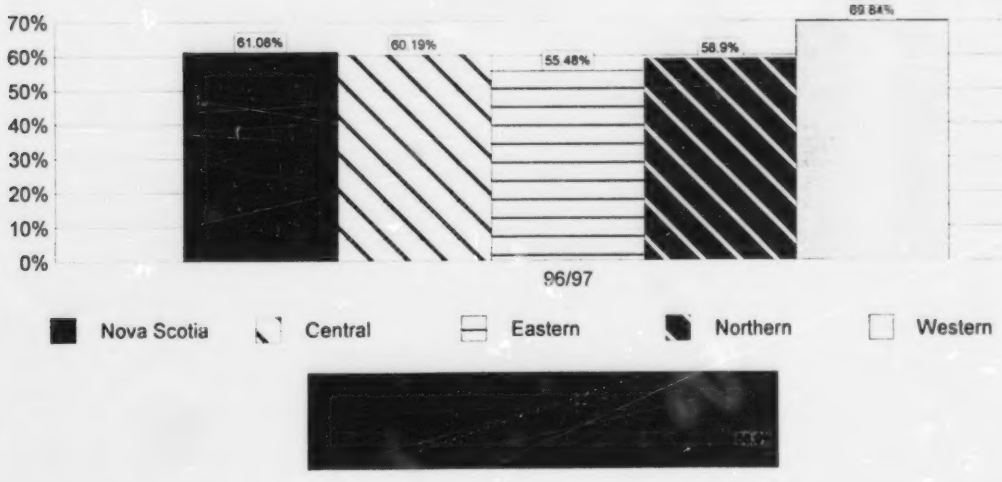
DAY SURGERY AS A PERCENTAGE OF ALL SURGERY

Interprovincial Comparisons
Nova Scotia 96/97; Other Provinces 95/96



ELECTIVE DAY SURGERY AS A % OF ALL ELECTIVE SURGERY

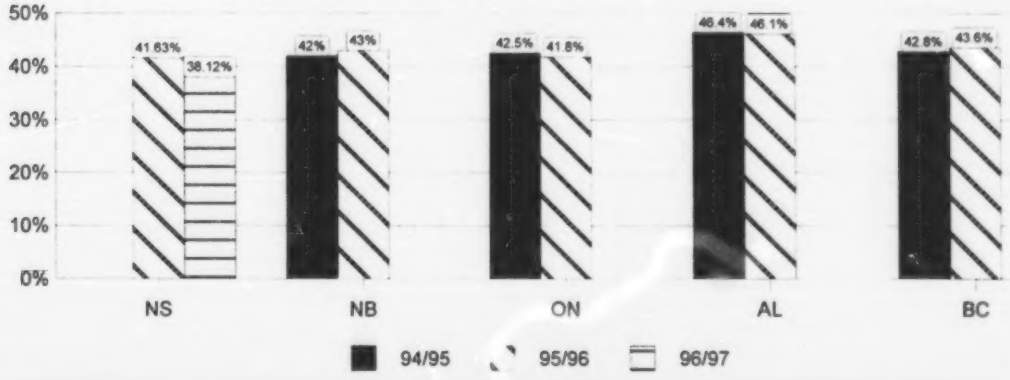
By Region of Hospitalization - 1996/97



% OF INPATIENT SURGERY POTENTIALLY DONE AS DAY SURGERY

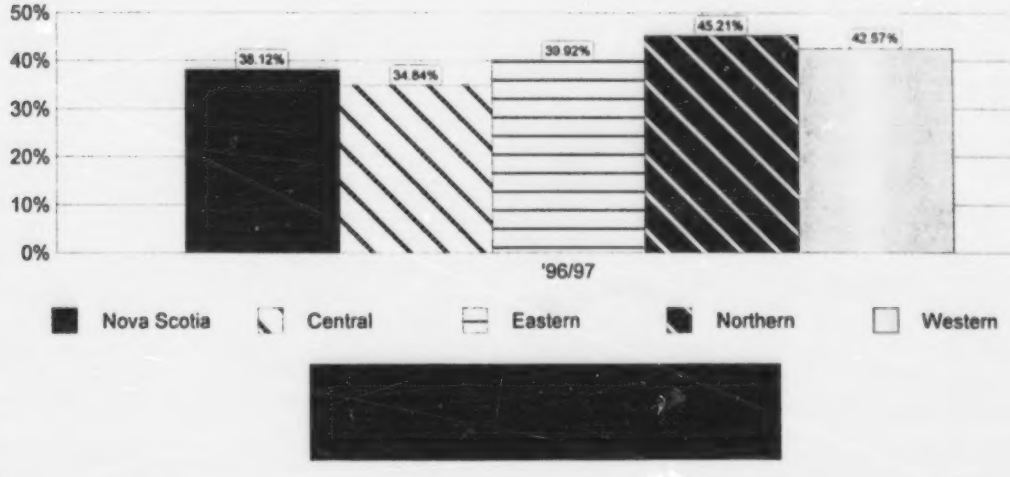
Interprovincial Comparisons

Nova Scotia 1995-1997; Other Provinces 1994-1996



% OF INPATIENT SURGERY POTENTIALLY DONE AS DAY SURGERY

By Region of Hospitalization - 1996/97

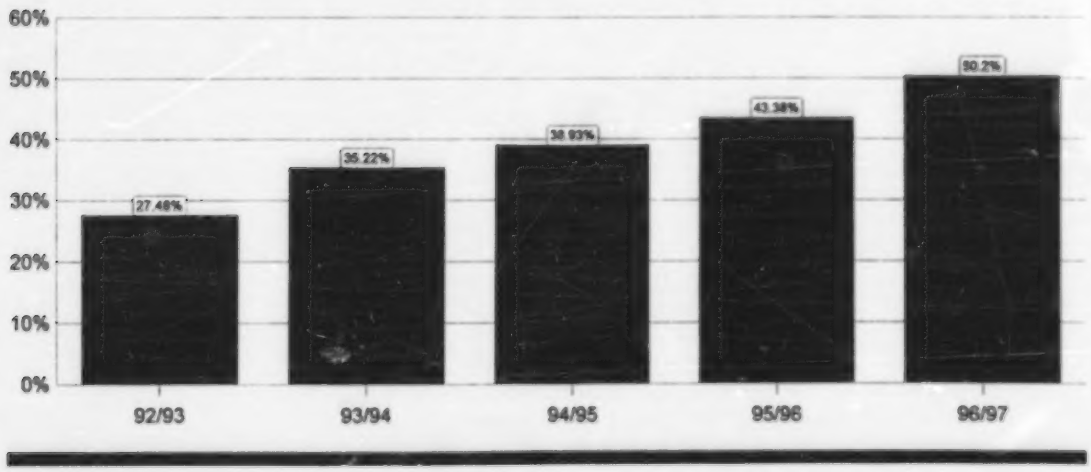


ACUTE CARE PROGRAMS

The following slides highlight operative procedures including:

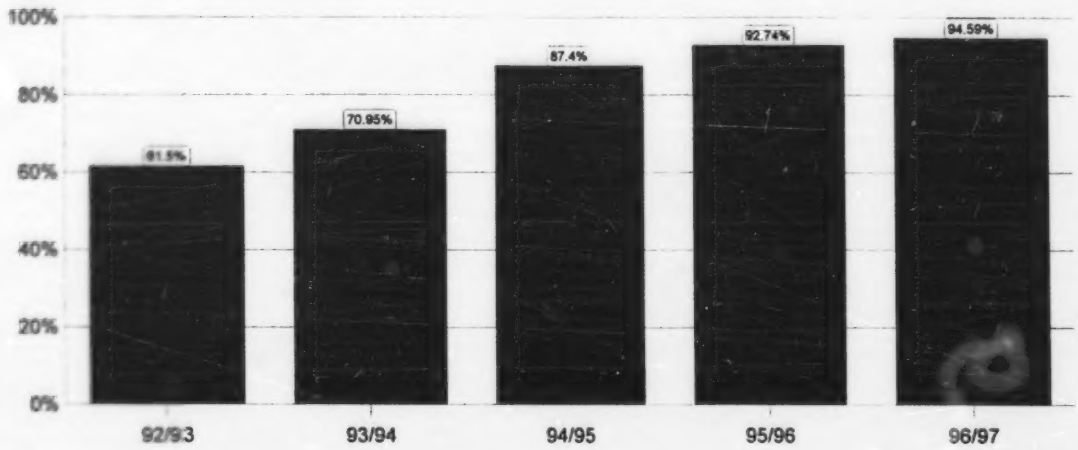
Inguinal Hernia Repairs, Cataract Surgery, Cholecystectomies, Total Hip and Total Knee Replacements, Carpal Tunnel Releases and Hysterectomies

INGUINAL HERNIA REPAIRS % DONE AS DAY SURGERY



CATARACT EXTRACTIONS
% DONE AS DAY SURGERY

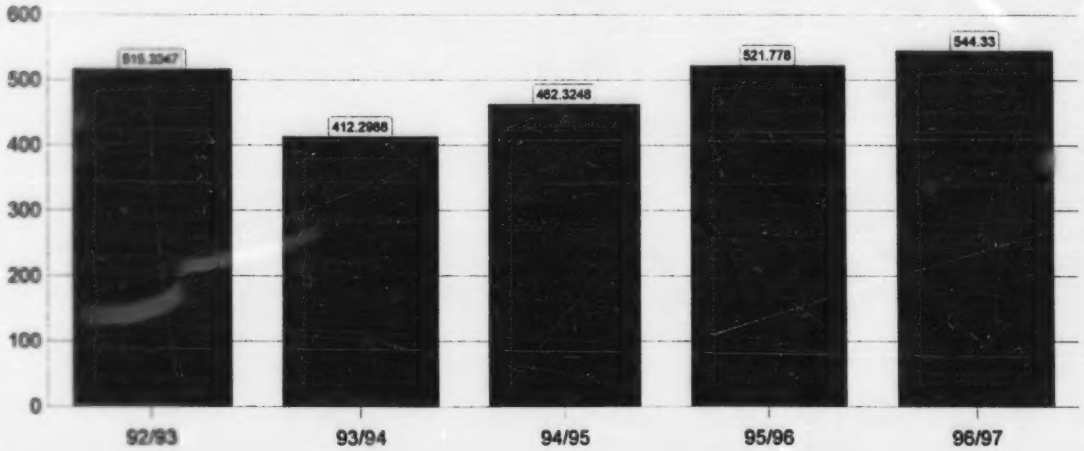
Nova Scotia - 1992/93 to 1996/97



Source: ASD System, NS Dept.of Health 1992/93-1994/95
CIHI Database, NS Dept.of Health, 1995/96-1996/97

CATARACT EXTRACTIONS*
NOVA SCOTIA

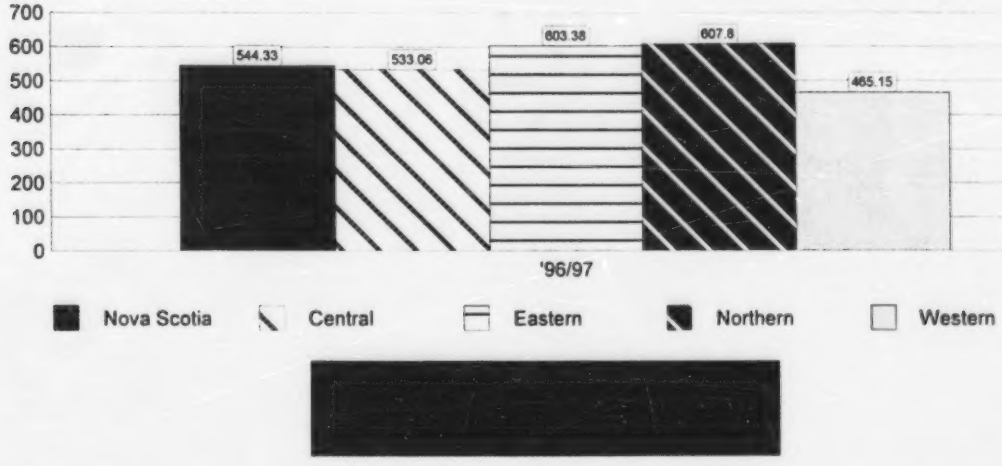
Inpatient & Daypatient Principal Procedures
Age-Standardized Rates/100,000 to 1991 NS Population



*Rates include lens insertion
Source: ASD System, N.S. Dept..of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

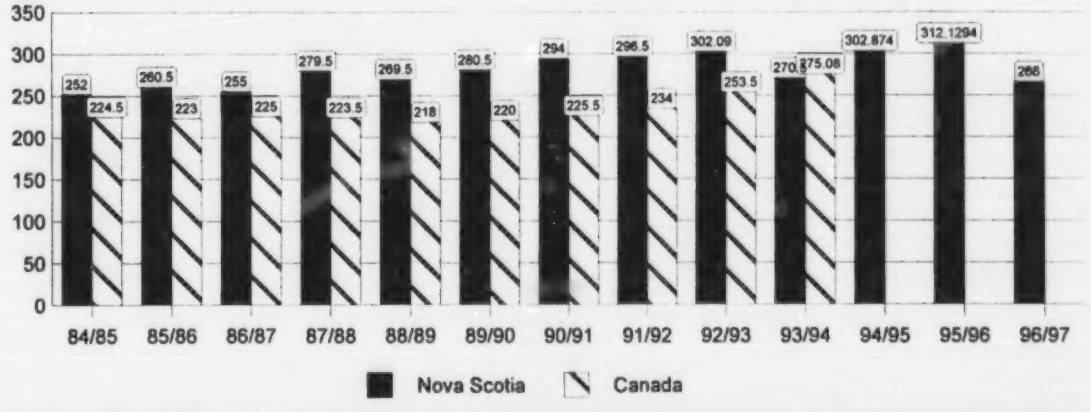
CATARACT EXTRACTIONS BY REGION OF RESIDENCE

Inpatient & Daypatient Principal Procedures -1996/97
Age-Standardized Rates/100,000 to the NS Population



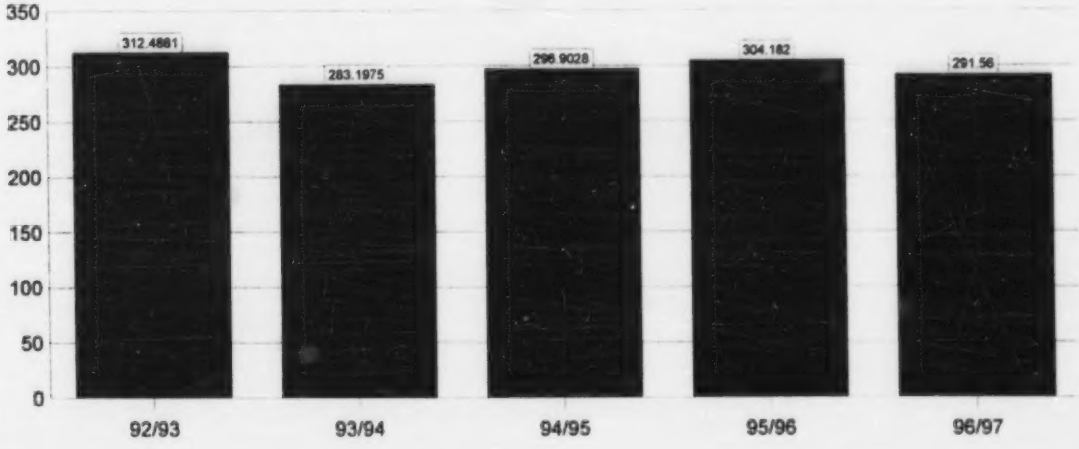
CHOLECYSTECTOMIES CANADA & NOVA SCOTIA

Inpatient Principal Procedures Only
Crude Rates/100,000 Population



CHOLECYSTECTOMIES
NOVA SCOTIA

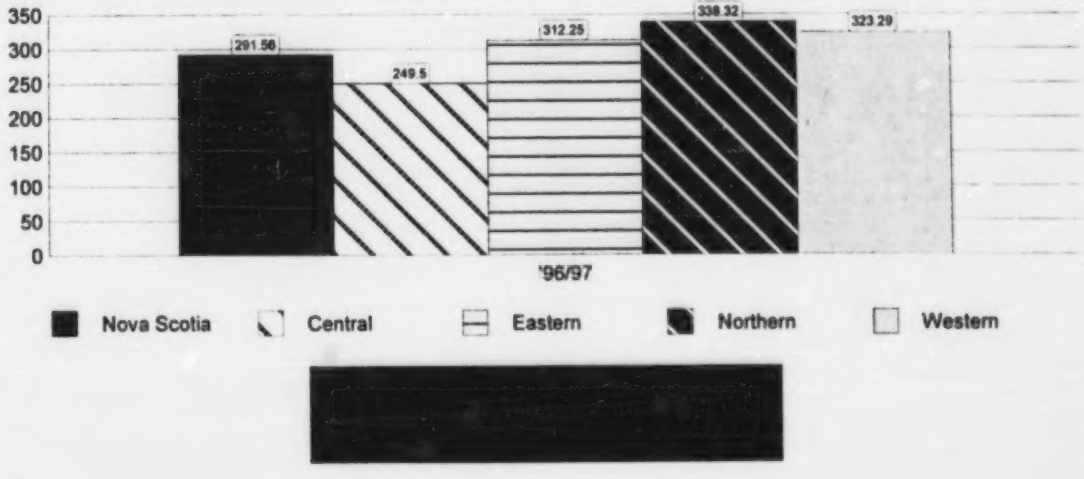
Inpatient & Daypatient Principal Procedures
Age-Standardized Rates/100,000 to 1991 NS Population



Source: ASD System, N.S. Dept.of Health, 1992/93-1994/95
CIHI Database, N.S. Dept.of Health, 1995/96-1996/97

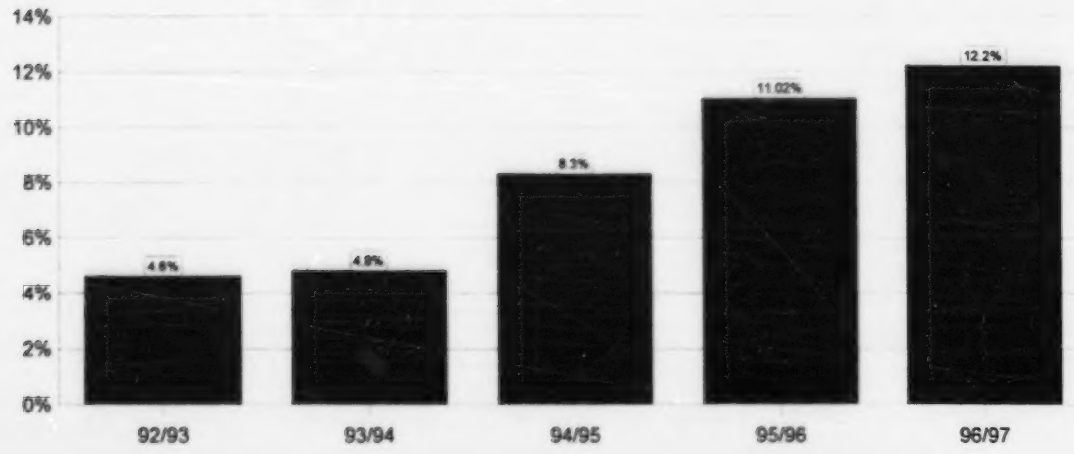
CHOLECYSTECTOMIES BY
REGION OF RESIDENCE -1996/97

Inpatient & Daypatient Principal Procedures
Age-Standardized Rates/100,000 to 1991 NS Population



LAPAROSCOPIC CHOLE'S % PERFORMED AS DAY SURGERY

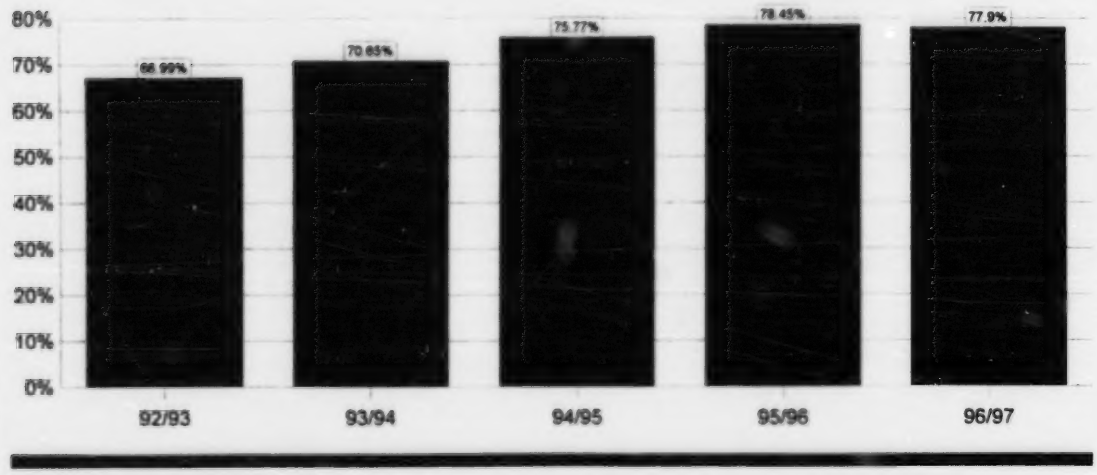
Nova Scotia 1992/93 - 1996/97



Source: ASD System, N.S. Dept.of Health, 1992/93-1994/95
CIHI Database, N.S. Dept.of Health, 1995/96-1996/97

LAPAROSCOPIC CHOLE'S AS A % OF ALL CHOLECYSTECTOMIES*

Nova Scotia 1992/93-1996/97



*Data includes inpatient procedures only

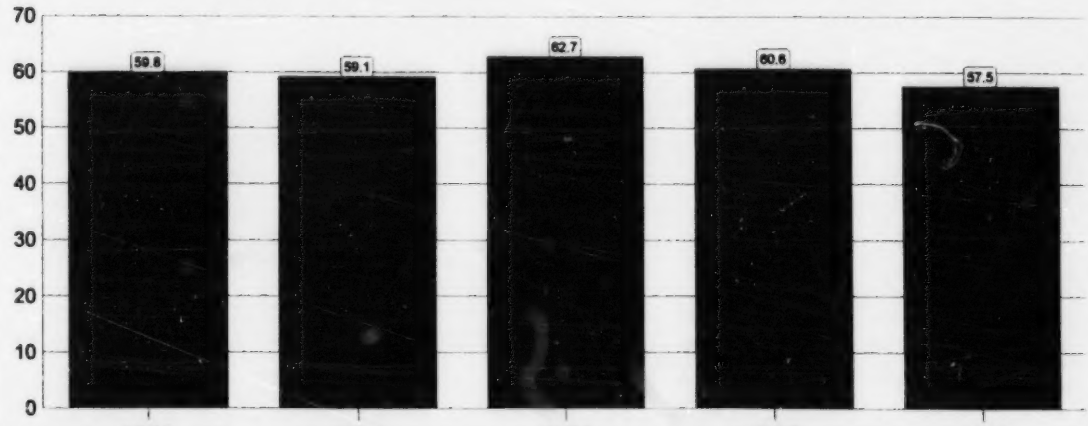
ORTHOPEDICS & PLASTICS

The following slides highlight:

Hip arthroplasties,
Knee and Hip replacements and
Carpal Tunnel Releases.

HIP ARTHROPLASTIES*

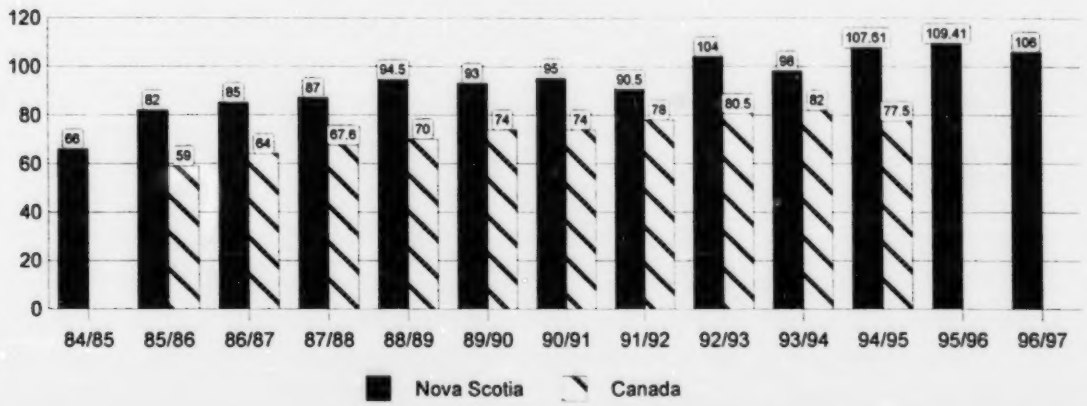
Age-standardized Rates/100,000 to the 1991 N.S. Population - Nova Scotia 1992/93 to 1996/97



*Rates include total and partial hip arthroplasties
Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

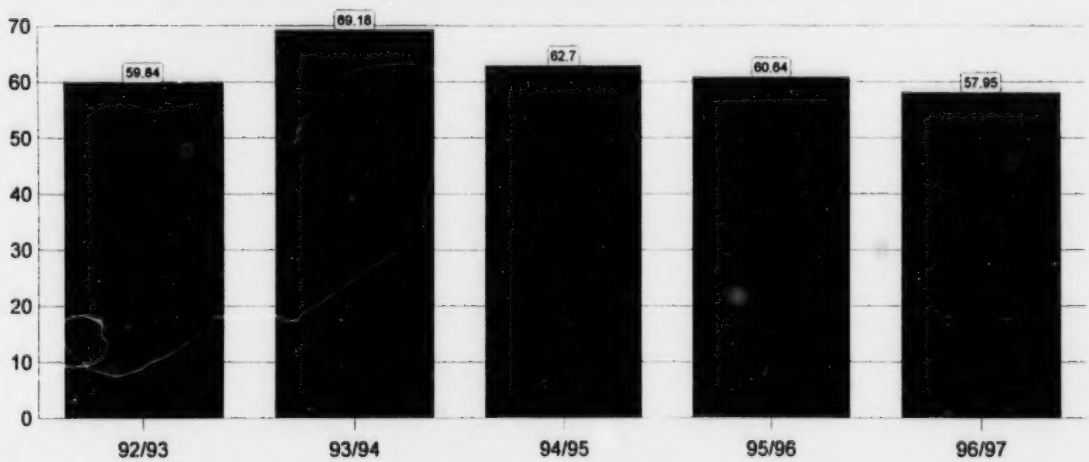
HIP ARTHROPLASTIES CANADA & NOVA SCOTIA

Crude Rates/100,000 Population



TOTAL HIP REPLACEMENTS

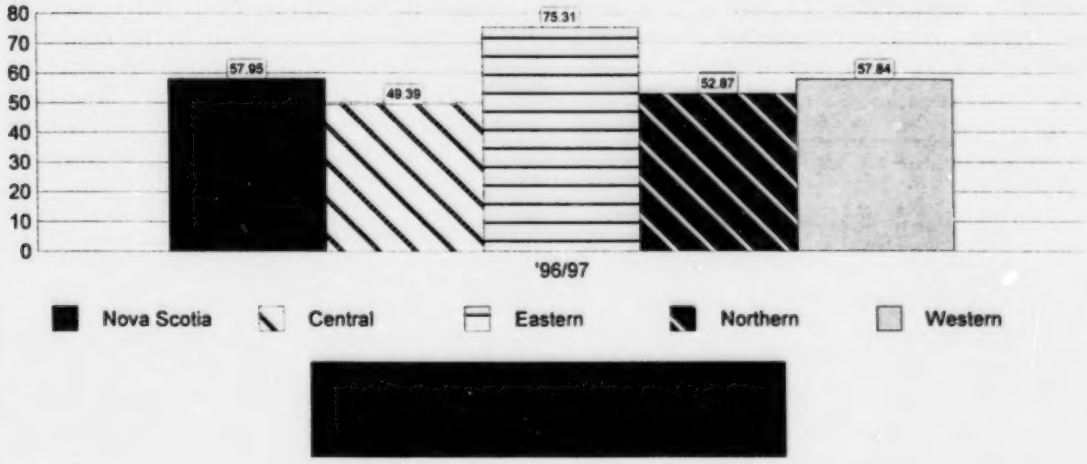
Age-standardized Rates/100,000 to the 1991 N.S. Population - Nova Scotia 1992/93 to 1996/97



Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

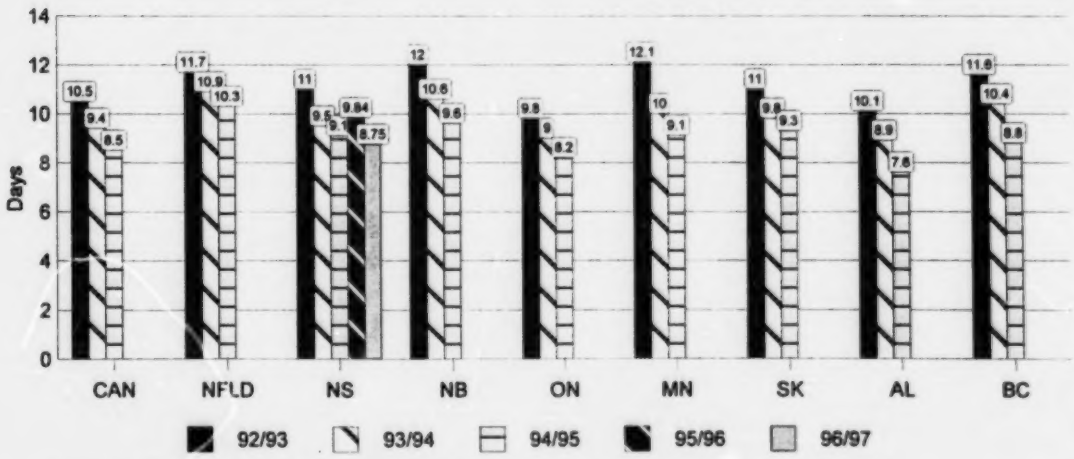
TOTAL HIP REPLACEMENTS

by Region of Residence - 1996/97
Age-Standardized Rates/100,000 to 1991 NS Population



AVERAGE LENGTH OF STAY

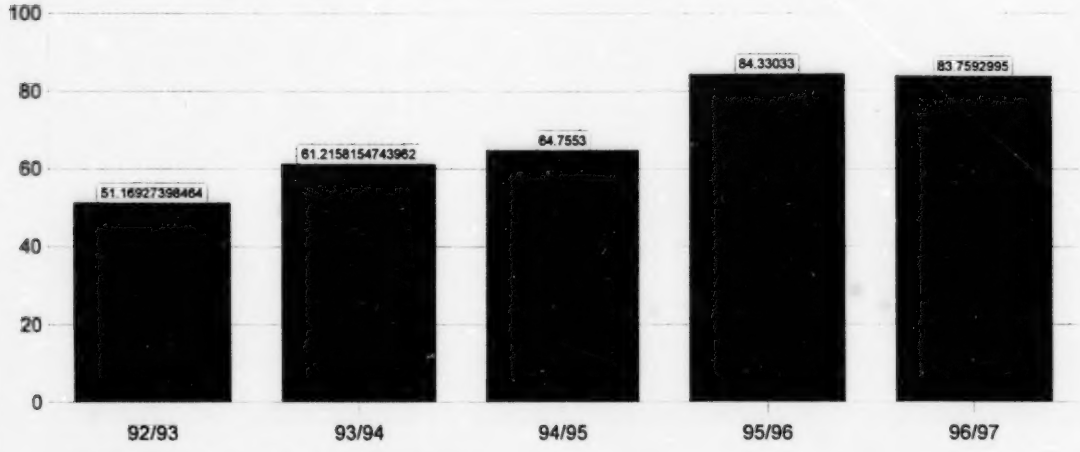
HIP REPLACEMENTS - CMG 353



Source: CIHI's Length of Stay Database by CMG for
N.S. and all other provinces 1992/93-1994/95
CIHI Database for N.S. for 1995/96-1996/97

TOTAL KNEE REPLACEMENTS

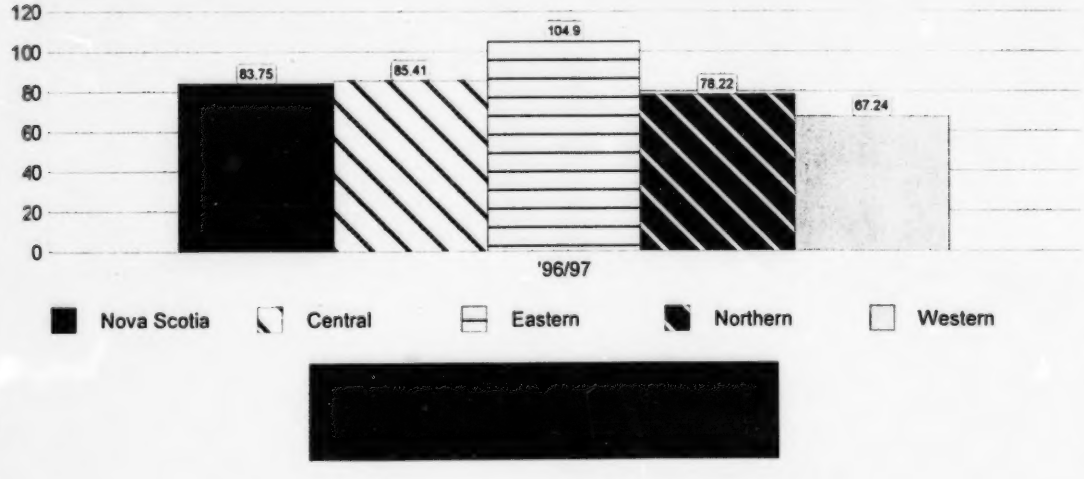
Age-Standardized Rates/100,000 to the 1991 NS Population - Nova Scotia 1992/93 to 1996/97



Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

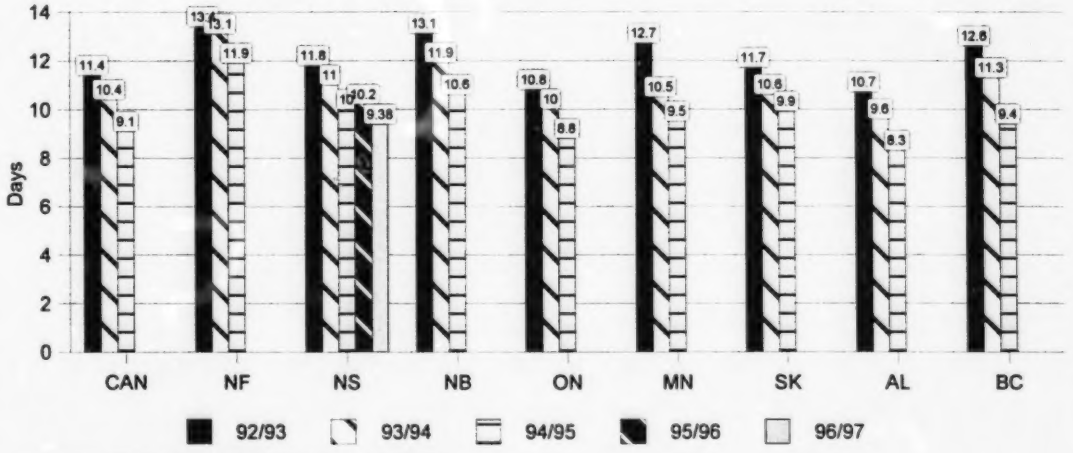
TOTAL KNEE REPLACEMENTS

by Region of Residence - 1996/97 Age-Standardized Rates/100,000 to 1991 NS Population



AVERAGE LENGTH OF STAY

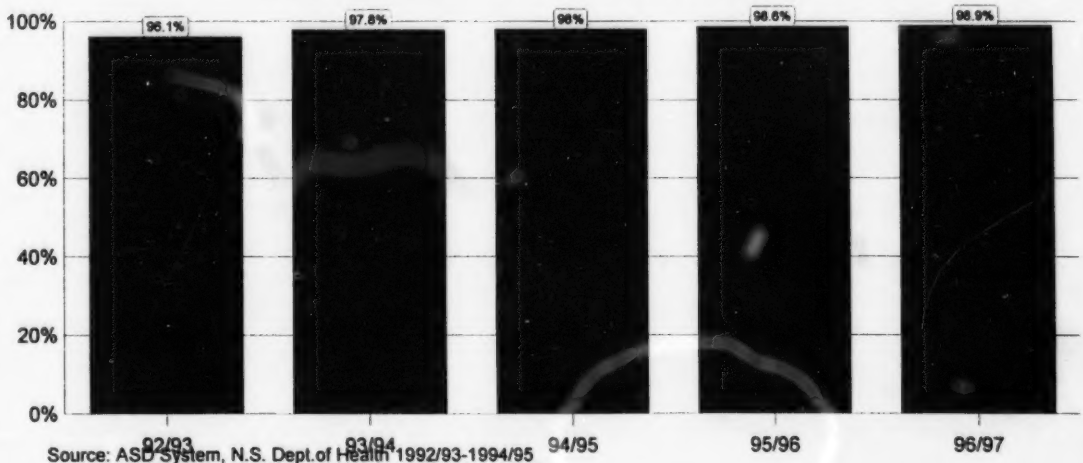
KNEE REPLACEMENT - CMG 354



Source: CIHI's Length of Stay Database by CMG for
N.S. and all other provinces 1992/93-1993/94
CIHI Database for N.S. for 1995/96-1996/97

CARPAL TUNNEL RELEASE

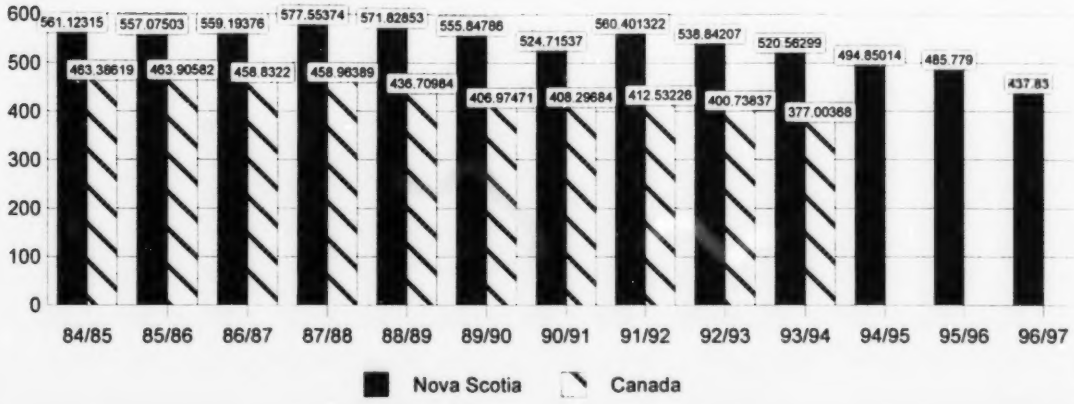
% Performed as Day Surgery
Nova Scotia - 1992/93 to 1996/97



Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIH Database, N.S. Dept.of Health 1995/96-1996/97

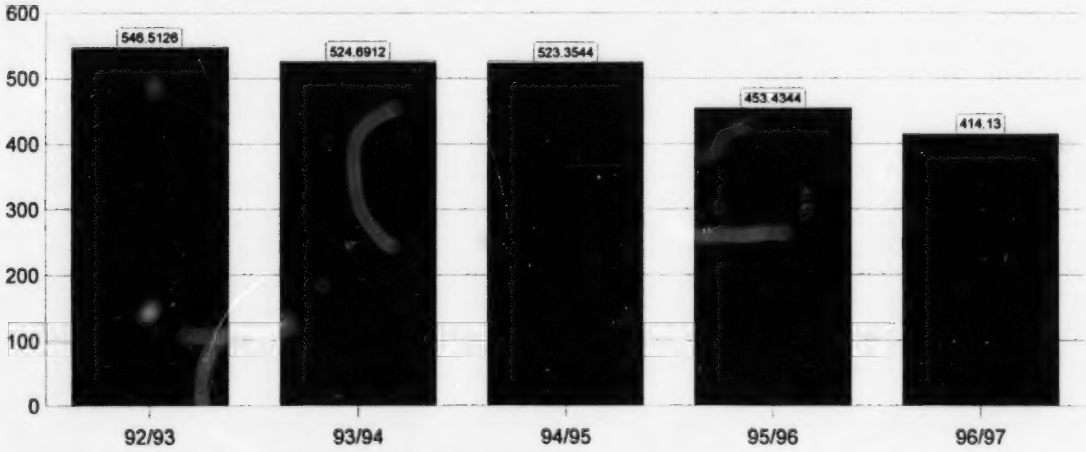
HYSTERECTOMIES CANADA & NOVA SCOTIA

Crude Rates/100,000 Population



HYSTERECTOMIES*

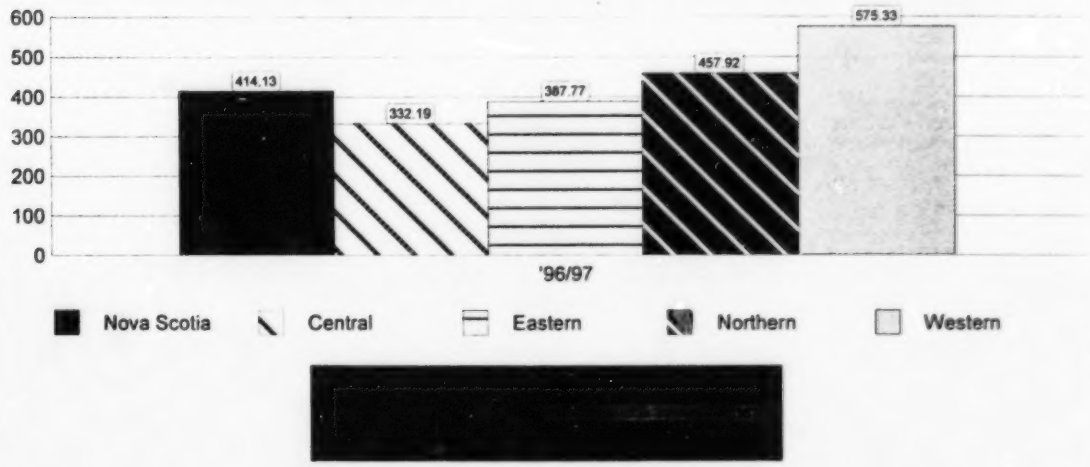
Age-Standardized Rates/100,000 to the 1991 NS Population - Nova Scotia 1992/93 to 1996/97



*Rates include total abdominal, vaginal, radical, pelvic evisceration
Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

HYSTERECTOMIES

By Region of Residence - 1996/97
Age-Standardized Rates/100,000 to 1991 NS Population



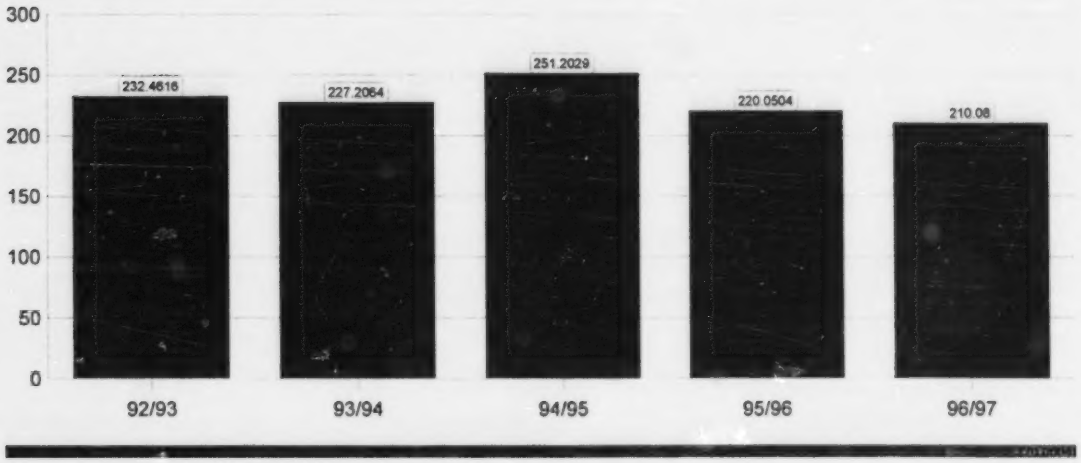
CARDIAC PROCEDURES

The following slides highlight:

Cardiac Catheterizations,
Coronary Angioplasties,
Coronary Artery Bypass Grafts, and
Cardiovascular Surgery Wait Times.

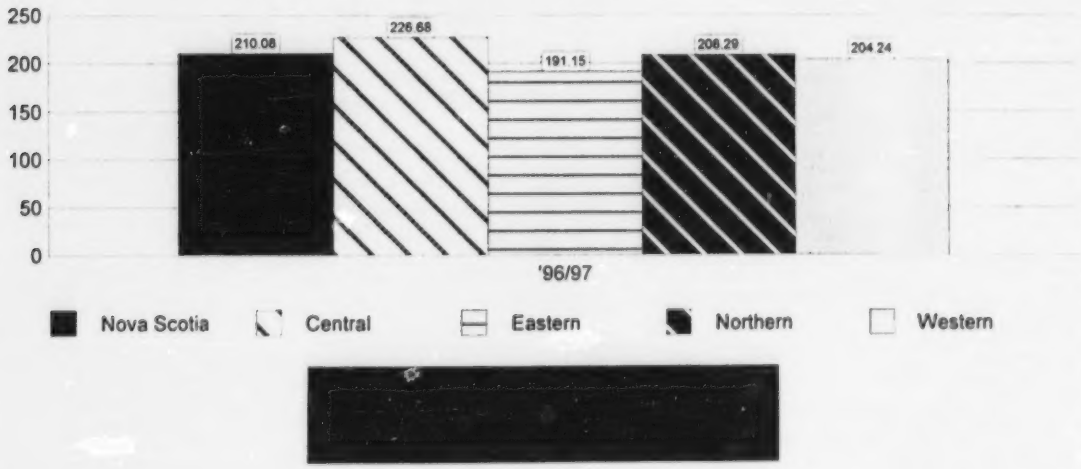
CARDIAC CATHETERIZATIONS

Inpatient Principal Procedures Only
Age-Standardized Rates/100,000 to 1991 NS Population



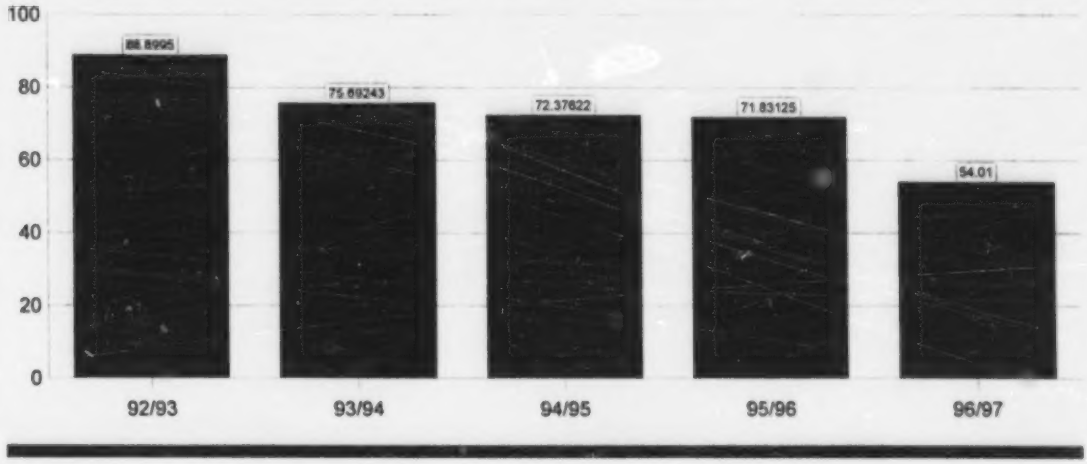
CARDIAC CATHETERIZATIONS BY REGION OF RESIDENCE

Inpatient Principal Procedures Only - 1996/97
Age-Standardized Rates/100,000 to 1991 NS Population



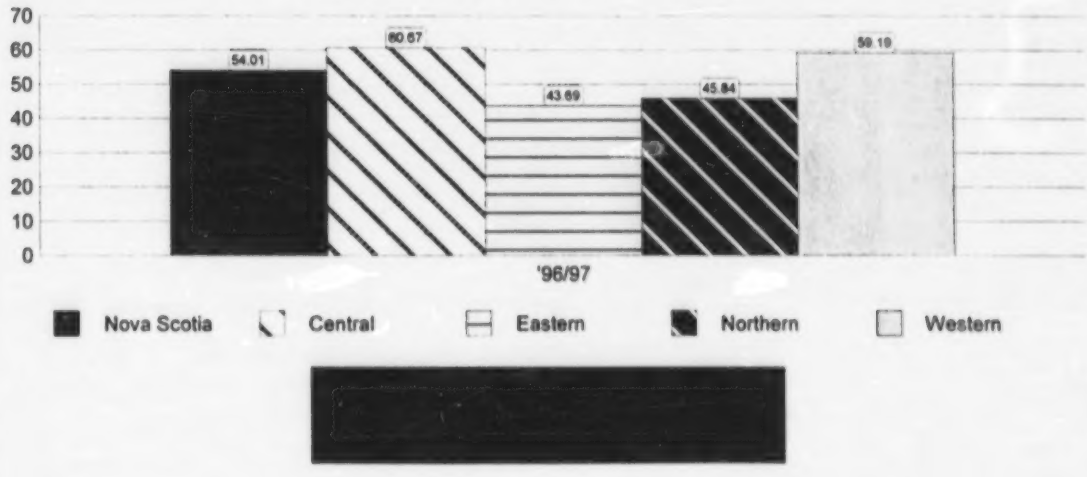
CORONARY ANGIOPLASTIES

Inpatient Principal Procedures Only
Age-Standardized Rates/100,000 to 1991 NS Population



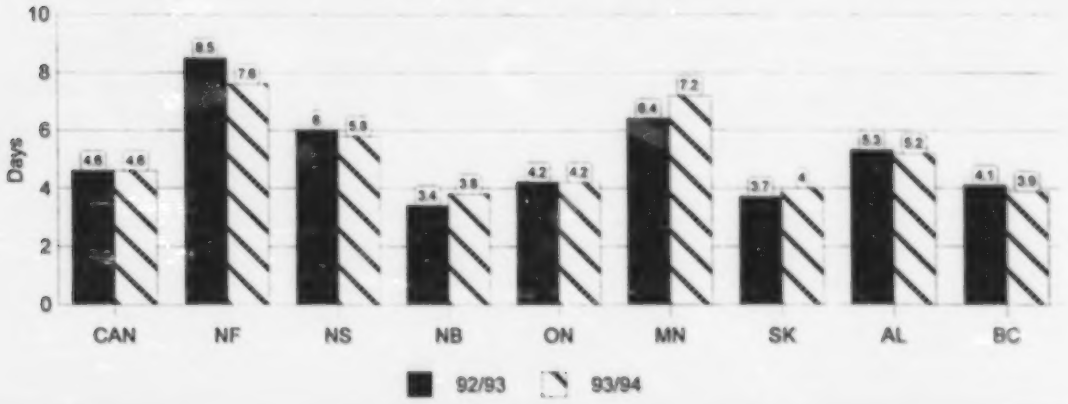
CORONARY ANGIOPLASTIES

Inpatient Principal Procedures Only
by Region of Residence - 1996/97



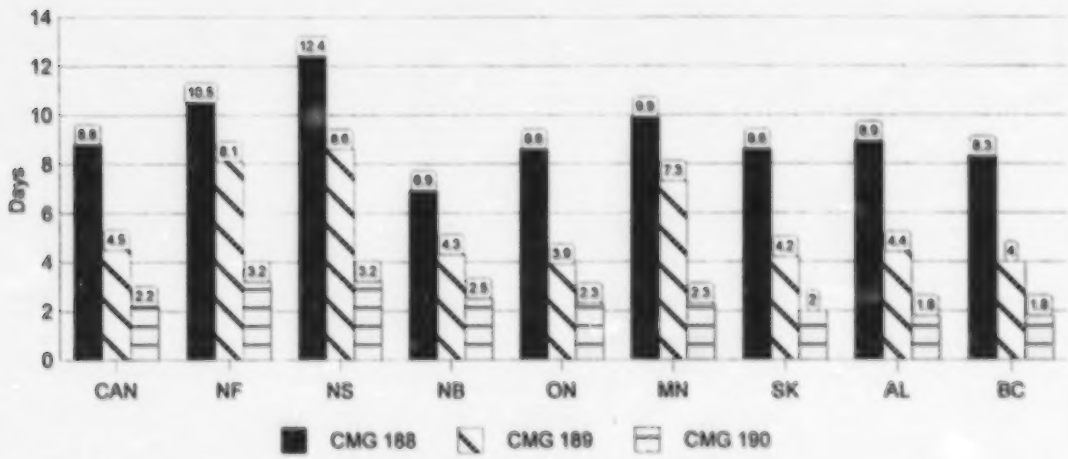
AVERAGE LENGTH OF STAY

CORONARY ANGIOPLASTY - CMG 222
1992/93 - 1993/94



AVERAGE LENGTH OF STAY

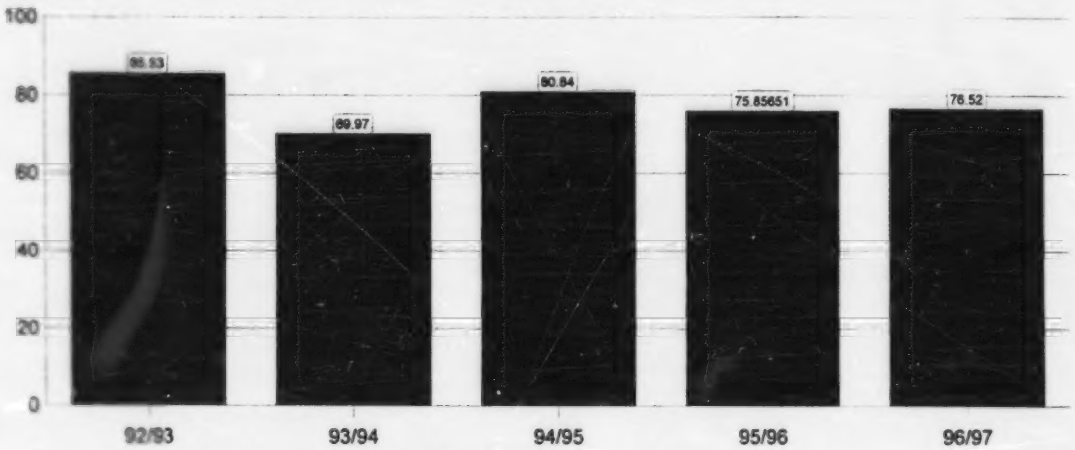
CORONARY ANGIOPLASTY - CMG 188/189/190
1994/95



Source: CIHI's Length of Stay Database by CMG for N.S. and all other provinces

CORONARY ARTERY BYPASS GRAFT

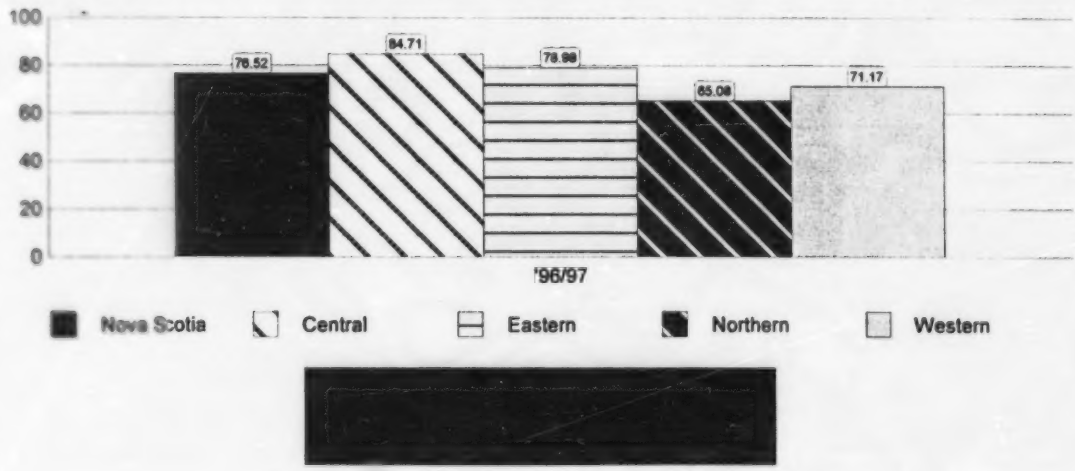
Age-Standardized Rates/100,000 to 1991 NS Population
Nova Scotia - 1992/93 to 1996/97



Source: ASD System, N.S. Dept.of Health 1992/93-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

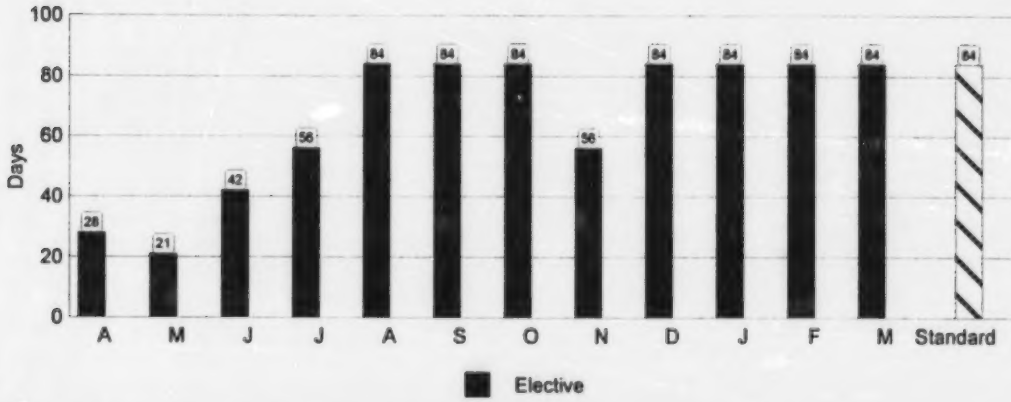
CORONARY ARTERY BYPASS GRAFT

by Region of Residence - 1996/97
Age-Standardized Rates/100,000 to 1991 NS Population



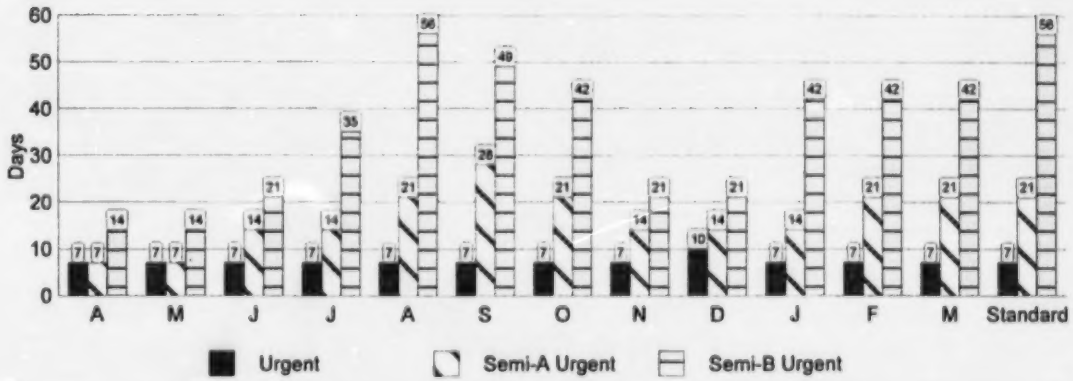
CARDIOVASCULAR SURGERY WAIT TIMES (ELECTIVE)

by Month - April 1996 to March 1997



CARDIOVASCULAR SURGERY WAIT TIMES (URGENT)

by Category and Month - April 1996 to March 1997



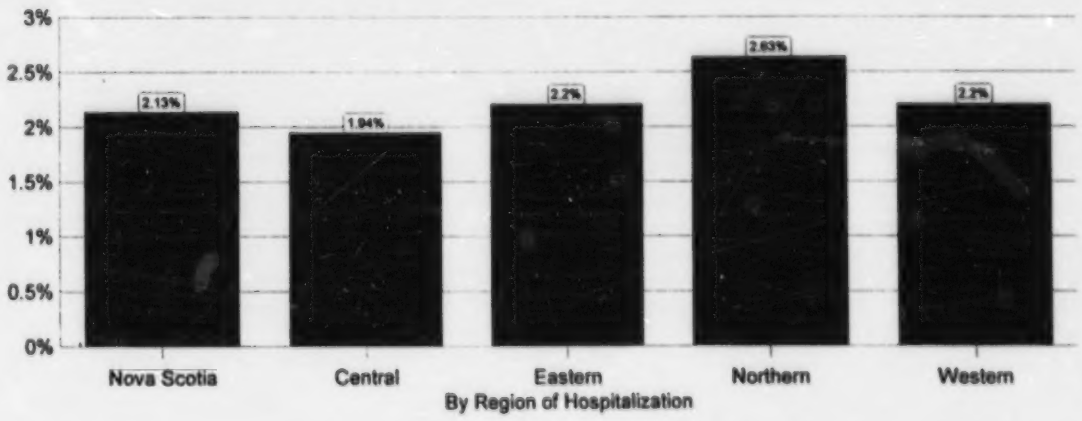
UNPLANNED READMISSIONS TO HOSPITAL

The following slides highlight:

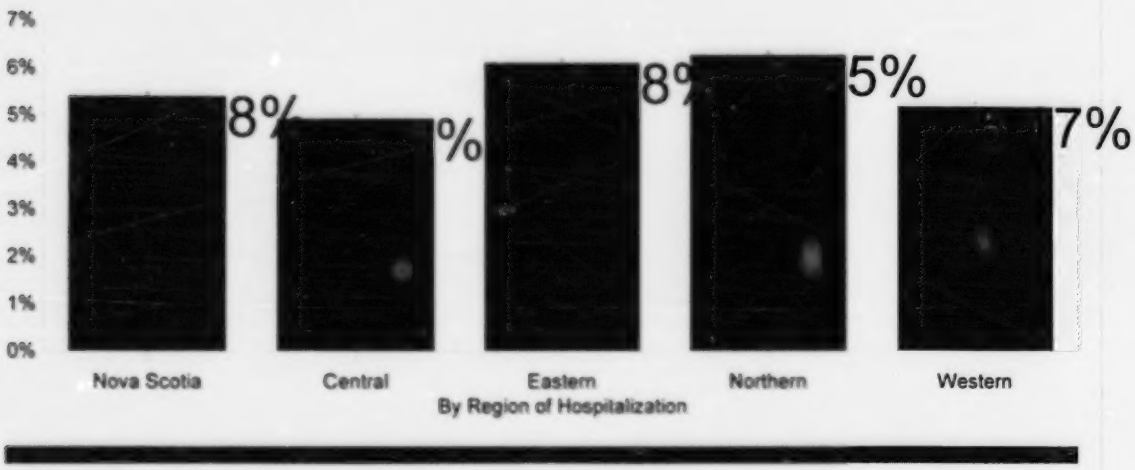
Unplanned or Non-Elective Readmissions to Same Hospital with same or related diagnosis within 7 days of discharge and

Unplanned or Non-Elective Readmissions to Same Hospital with same or related diagnosis within 30 days of discharge.

NON-ELECTIVE READMISSIONS SAME HOSPITAL WITHIN ONE WEEK OF DISCHARGE - 1996/97



NON-ELECTIVE READMISSIONS SAME HOSPITAL WITHIN ONE MONTH OF DISCHARGE - 1996/97



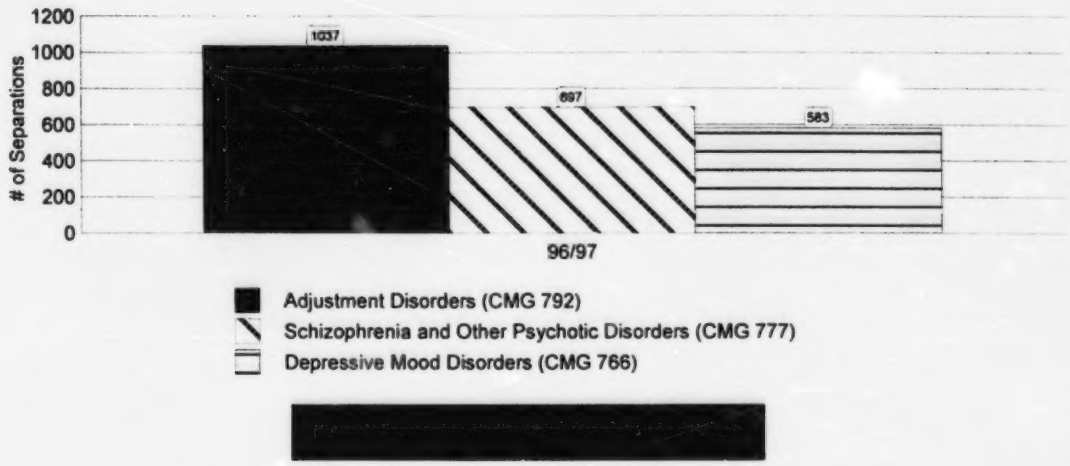
MENTAL HEALTH PROGRAMS

The following slides highlight:

The Top CMGs,
Patient Days/1000 Population,
Average Length of Stay,
Ambulatory Care Service Levels and
Top Six Diagnoses for Outpatient Clinics.

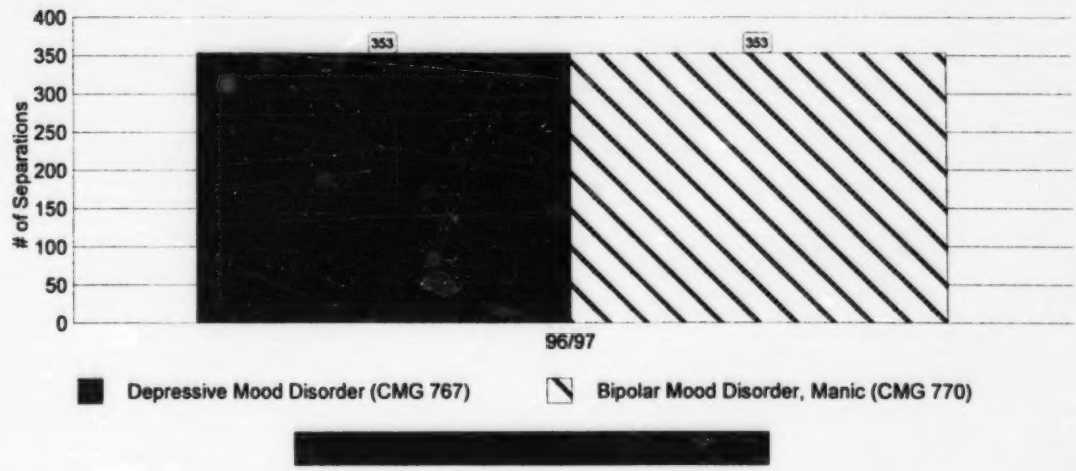
TOP THREE CASE MIX GROUPS

PATIENT SEPARATIONS - 1996/97



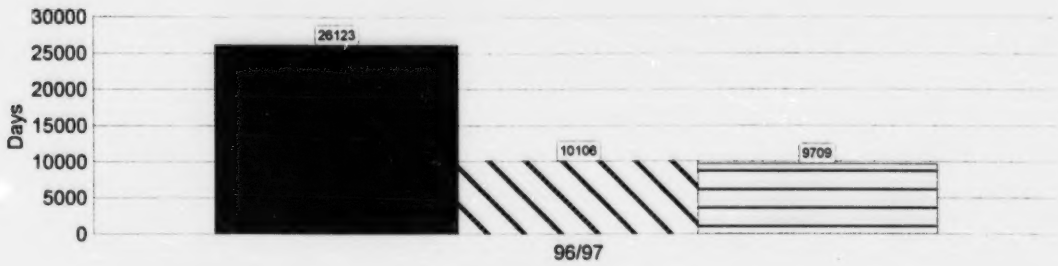
NEXT TOP TWO CASE MIX GROUPS

PATIENT SEPARATIONS - 1996/97



TOP THREE CASE MIX GROUPS

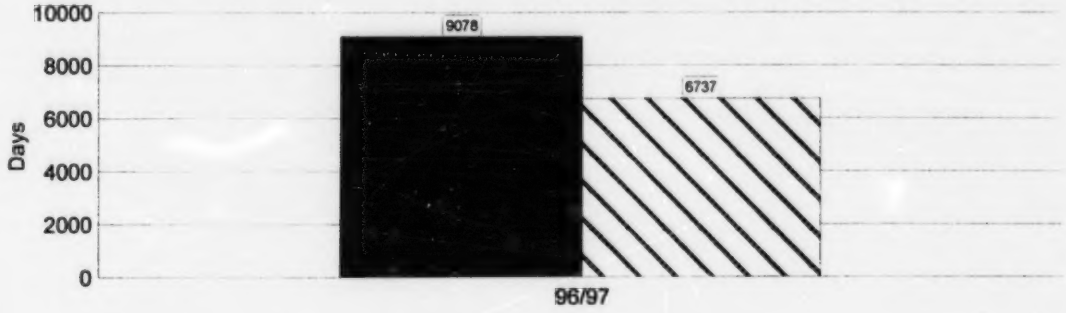
PATIENT DAYS - 1996/97



- Schizophrenia and Other Psychotic Disorders (CMG 777)
- Bipolar Mood Disorders (CMG 770)
- Depressive Mood Disorders w/o ECT w/o Axis III diagnosis (CMG 766)

NEXT TOP TWO CASE MIX GROUPS

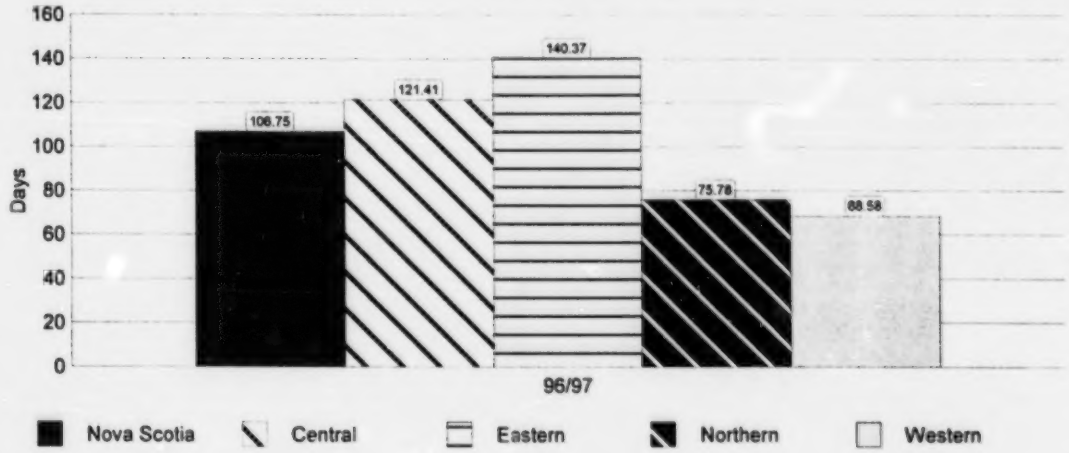
PATIENT DAYS - 1996/97



- Depressive Mood Disorders with ECT (CMG 764)
- Adjustment Disorders (CMG 792)

MENTAL HEALTH PROGRAMS PATIENT DAYS/1000 POPULATION

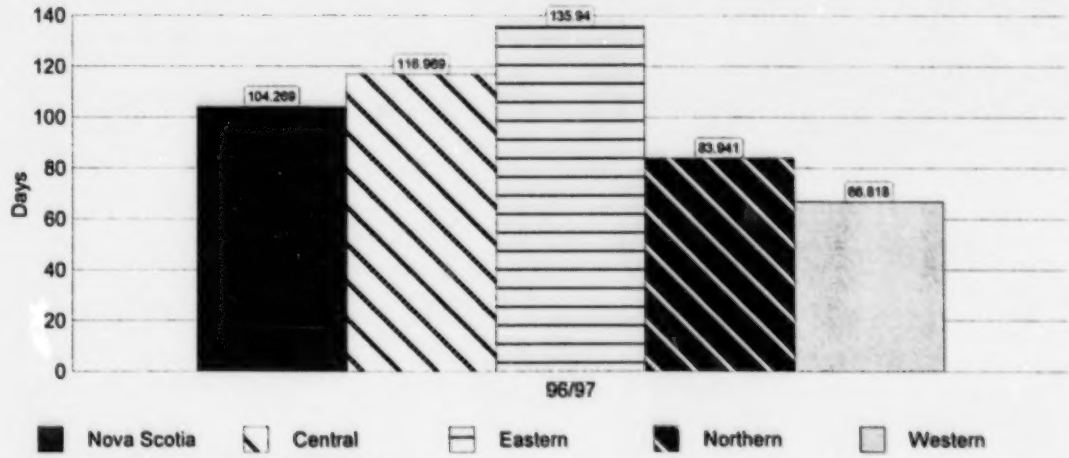
Acute Psychiatric Care by Region of Residence Crude Rates*/1000 Population - 1996/97



*Rates include only psychiatric hospital days
Source: CIHI Database, N.S. Dept.of Health

MENTAL HEALTH PROGRAMS PATIENT DAYS/1000 POPULATION

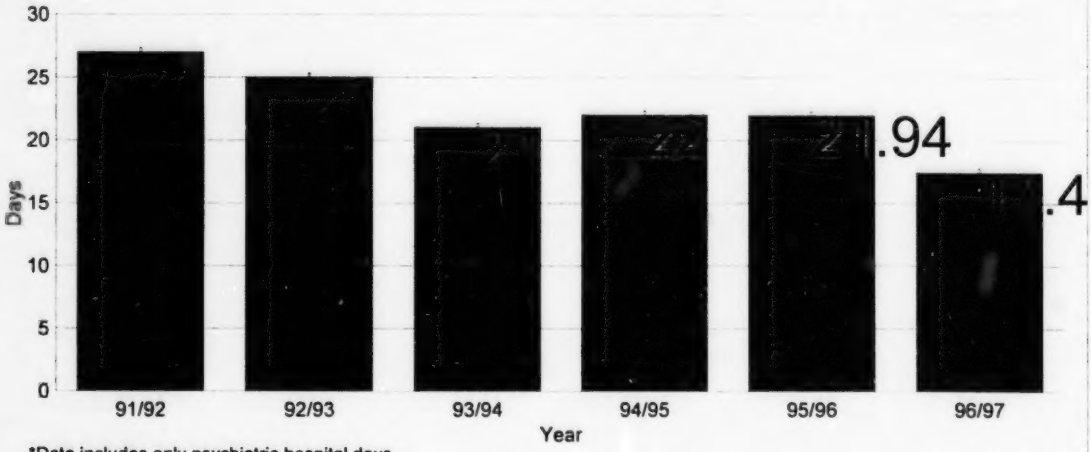
Acute Psychiatric Care by Region of Residence -1996/97 Age-Standardized Rates*/1000 to the NS Population



*Rates include only psychiatric hospital days
Source: CIHI Database, N.S. Dept.of Health

MENTAL HEALTH PROGRAMS AVERAGE LENGTH OF STAY

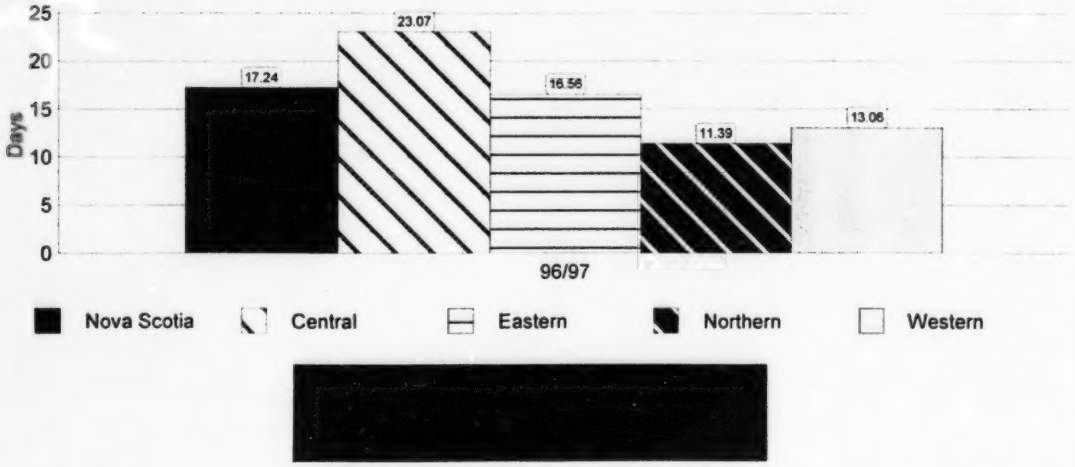
Acute Psychiatric Care* - Adults Only
Nova Scotia - 1991/92 to 1996/97



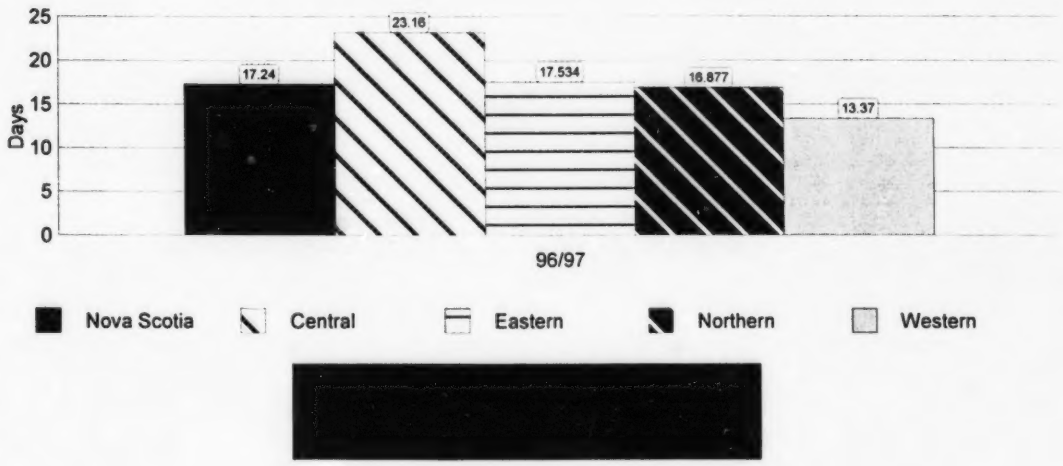
*Data includes only psychiatric hospital days
Source: ASD System, N.S. Dept.of Health 1991/92-1994/95
CIHI Database, N.S. Dept.of Health 1995/96-1996/97

AVERAGE LENGTH OF STAY (UNWEIGHTED)

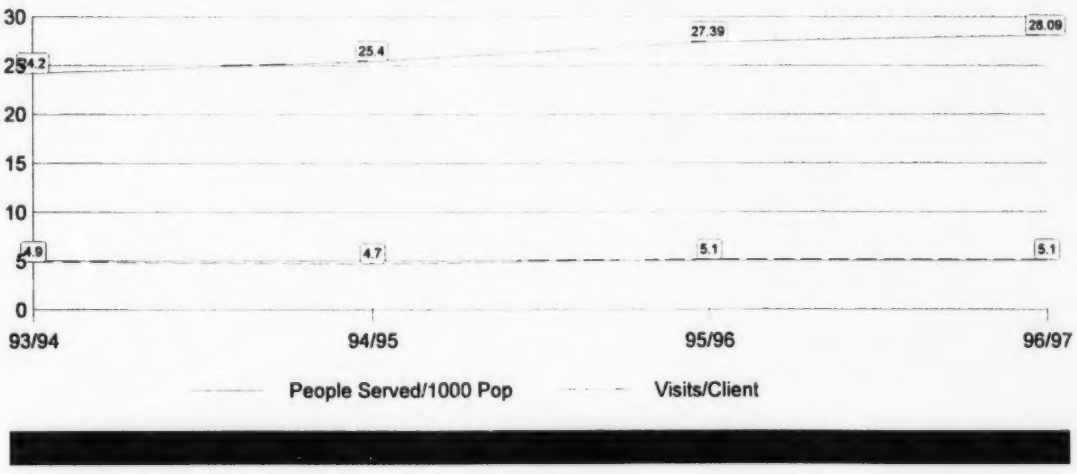
Acute Psychiatric Care
by Region of Residence - 1996/97



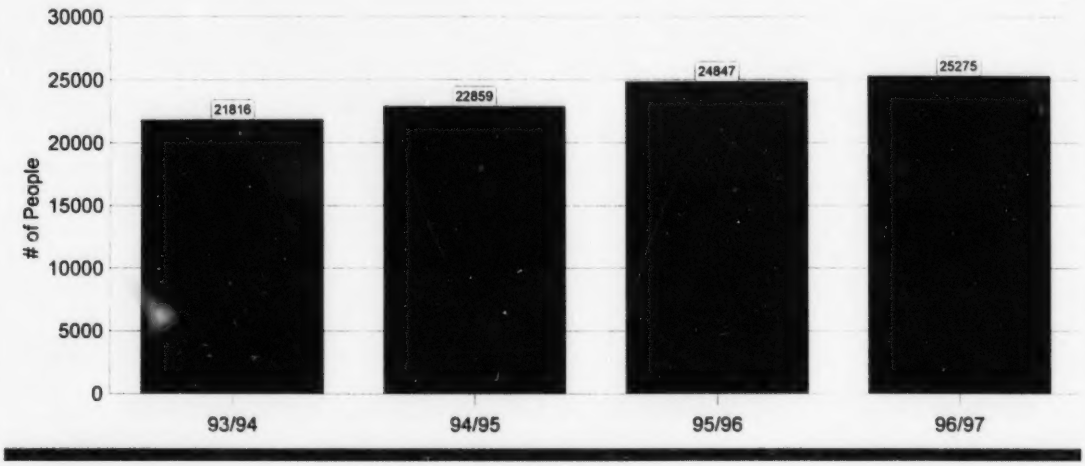
AVERAGE LENGTH OF STAY (WEIGHTED)



MENTAL HEALTH PROGRAMS AMBULATORY CARE SERVICE LEVELS

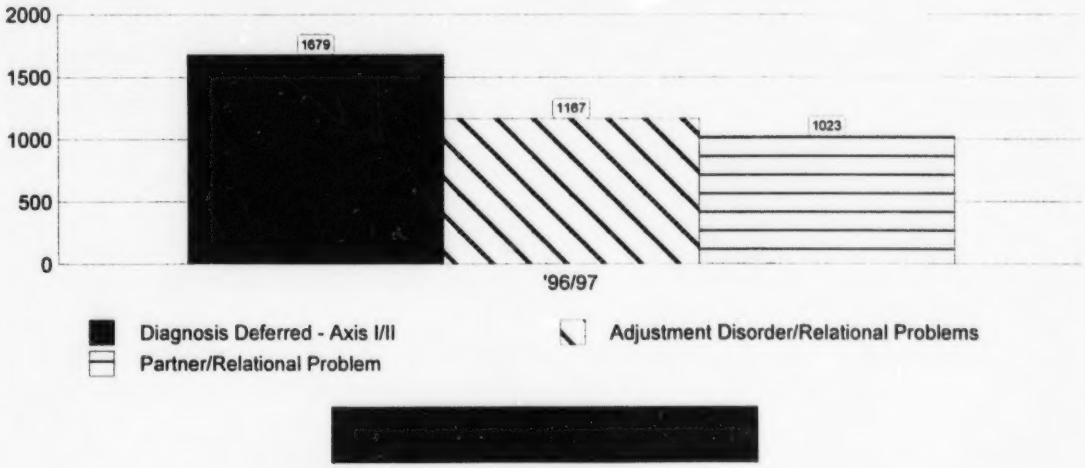


MENTAL HEALTH PROGRAMS
AMBULATORY CARE
NUMBER OF PEOPLE SERVED



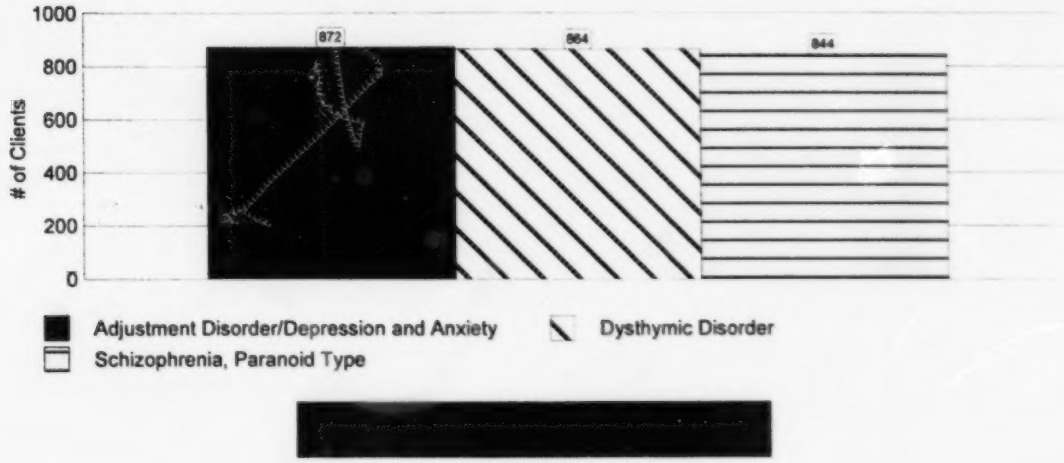
MENTAL HEALTH PROGRAMS
TOP THREE DIAGNOSES

Outpatient Clinics - Adults - 1996/97



MENTAL HEALTH PROGRAMS
NEXT TOP THREE DIAGNOSES

Outpatient Clinics - Adults - 1996/97



DRUG DEPENDENCY PROGRAMS

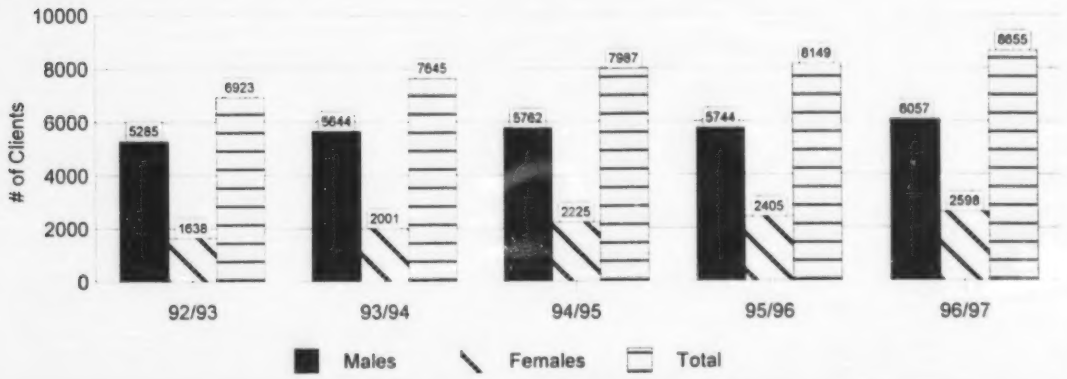
The following slides highlight:

Number of Clients Served by Gender and

Clients by Program Area.

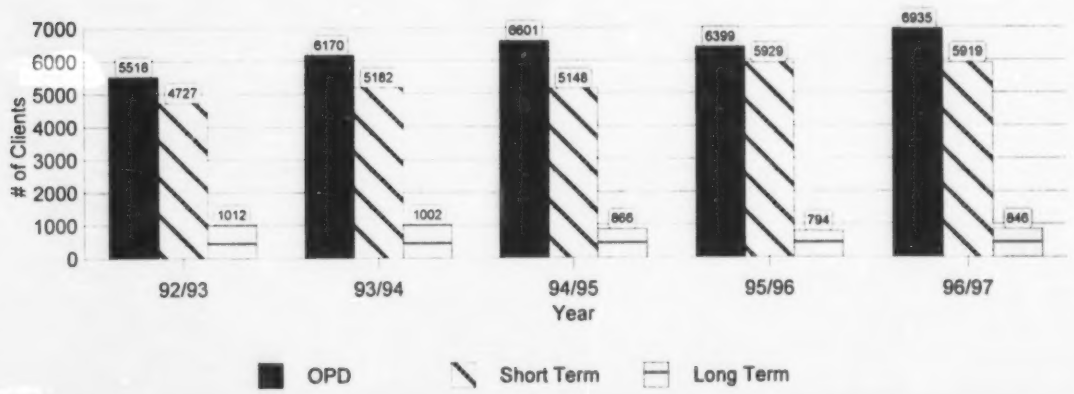
DRUG DEPENDENCY PROGRAMS NUMBER OF CLIENTS SERVED

By Gender



DRUG DEPENDENCY PROGRAMS NUMBER OF CLIENTS SERVED

By Program Area



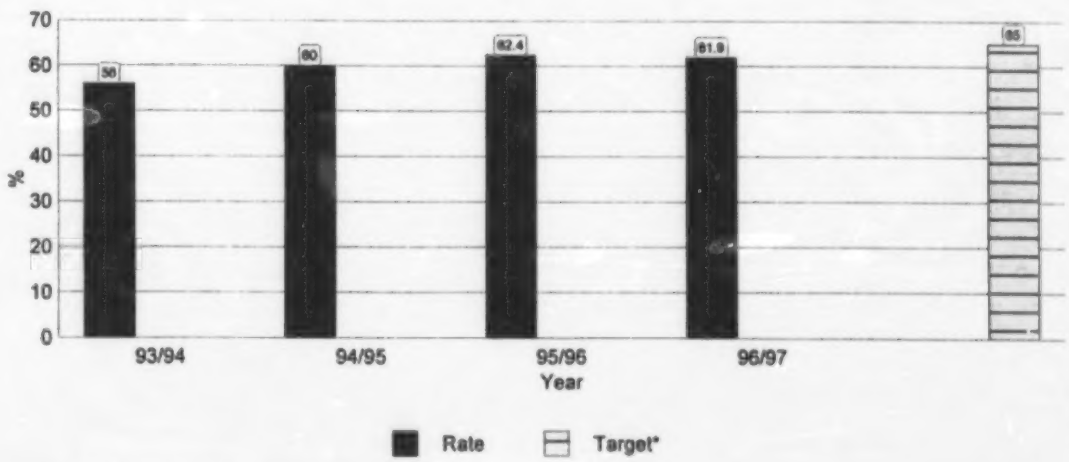
PUBLIC HEALTH PROGRAMS

The following slides highlight:

Flu immunization rates,
HIV and AIDS,
Chlamydia and
Breast feeding.

INFLUENZA VACCINATION RATES - NOVA SCOTIA

Percent of Adults 65+ Vaccinated



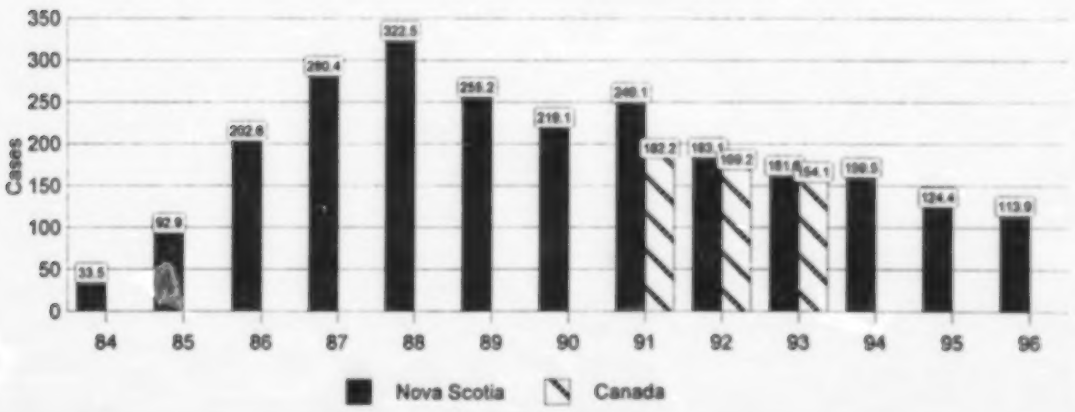
*A national target has been set at 70%.
Source: Public Health Programs, Nova Scotia Department of Health

BREAST FEEDING RATES*

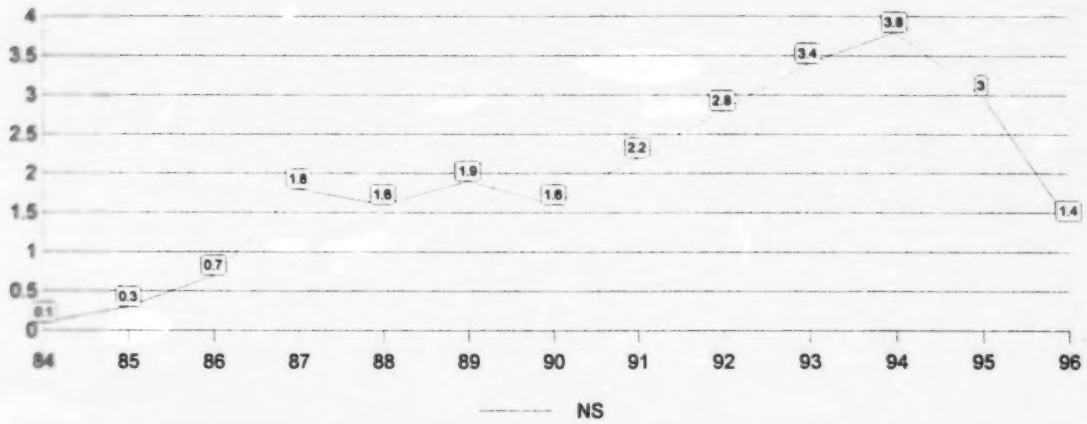
Nova Scotia - 1988 to 1996; Canada 1994

*Nova Scotia and Canada rates are based on the calendar year and refer to women who breast-fed upon discharge from hospital.
Source: Reproductive Care Program of Nova Scotia

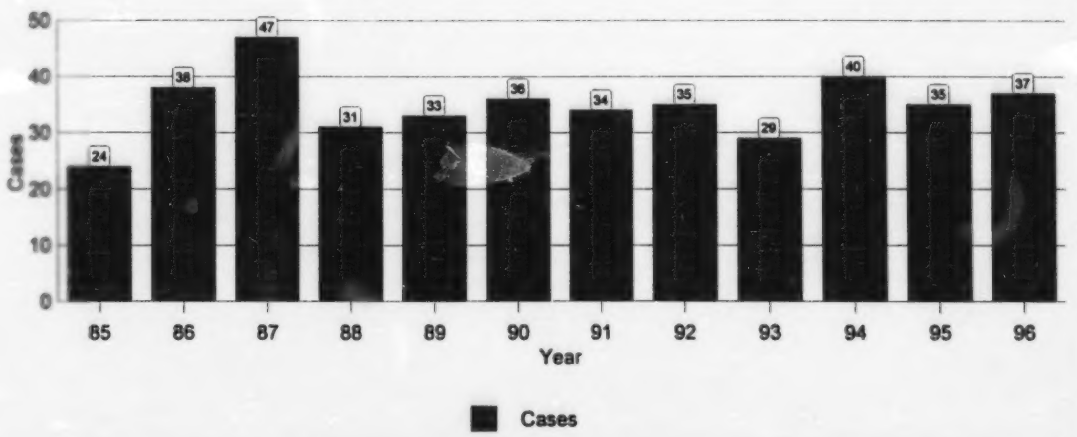
CHLAMYDIA RATES/100,000 POPULATION



AIDS INCIDENCE PER 100,000 POPULATION -NOVA SCOTIA



NUMBER OF HIV CASES NOVA SCOTIA



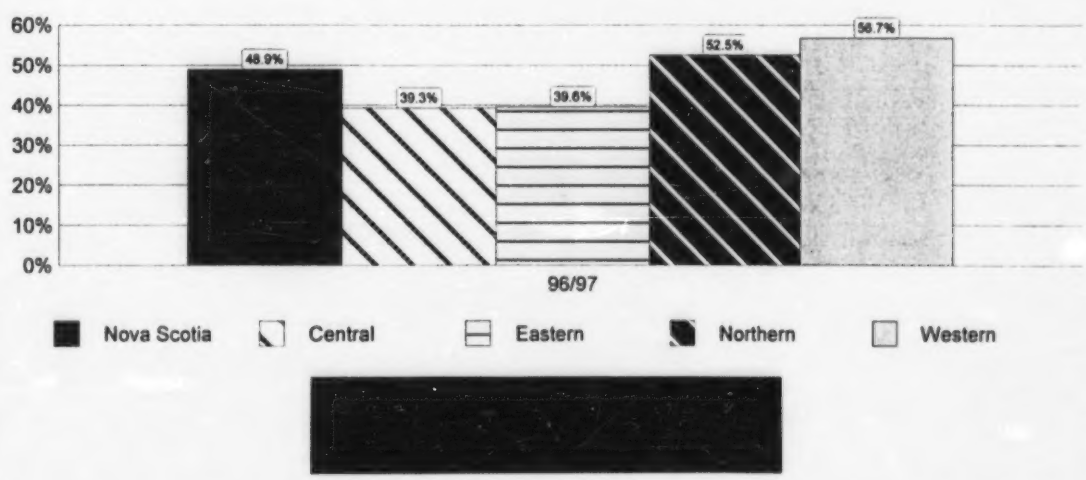
TOBACCO CONTROL

The following slide highlights:

Compliance Rate for Nova Scotia Retailers.

TOBACCO CONTROL COMPLIANCE RATES BY REGION NOVA SCOTIA RETAILERS

1996/97

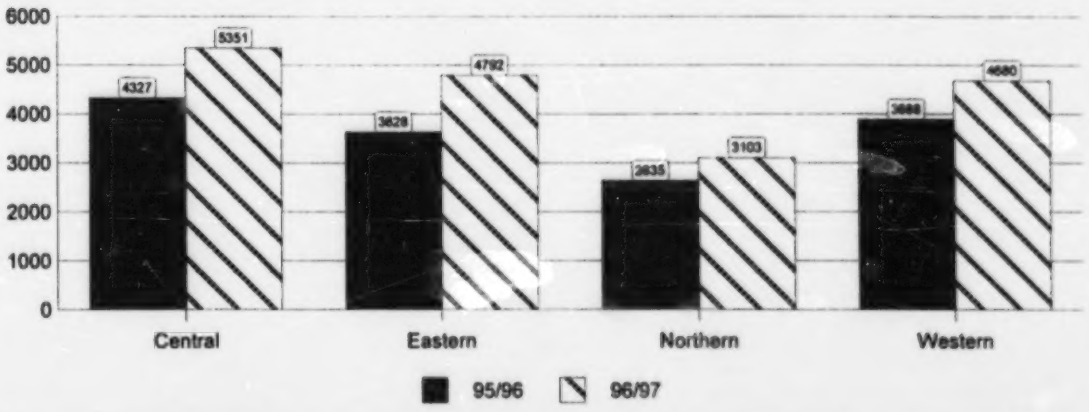


HOME CARE NOVA SCOTIA

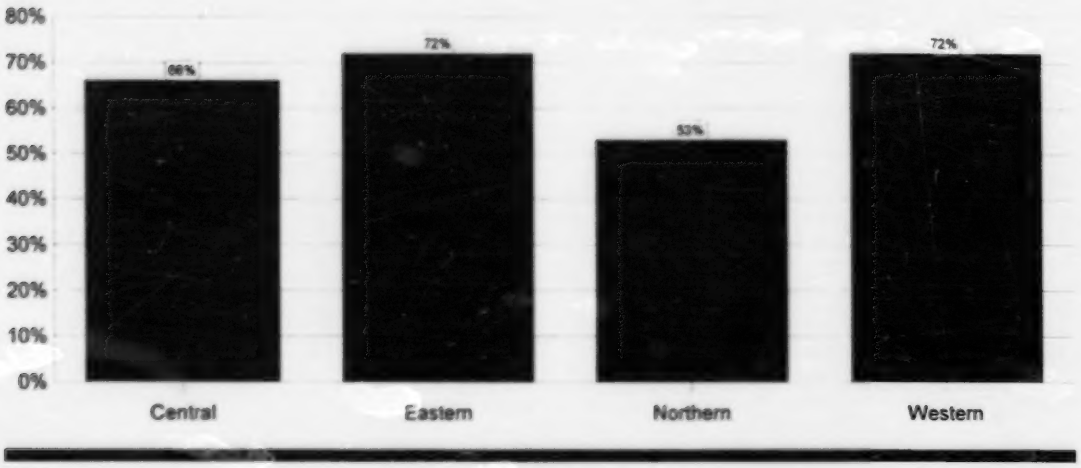
The following slides highlight:
Accumulated Annual Caseload,
% Increase in Caseload,
Chronic Home Care Program Admissions,
Intakes Waiting to be Assessed,
Admissions by Quarter and
Home Hospital Program Admissions.

HOME CARE - ACCUMULATED ANNUAL CASELOAD

1995/96 to 1996/97

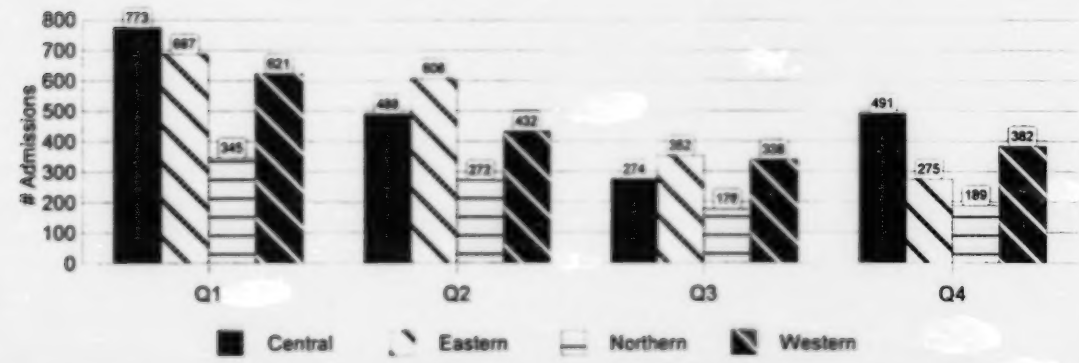


HOME CARE - % INCREASE IN CASELOAD SINCE APRIL 1996



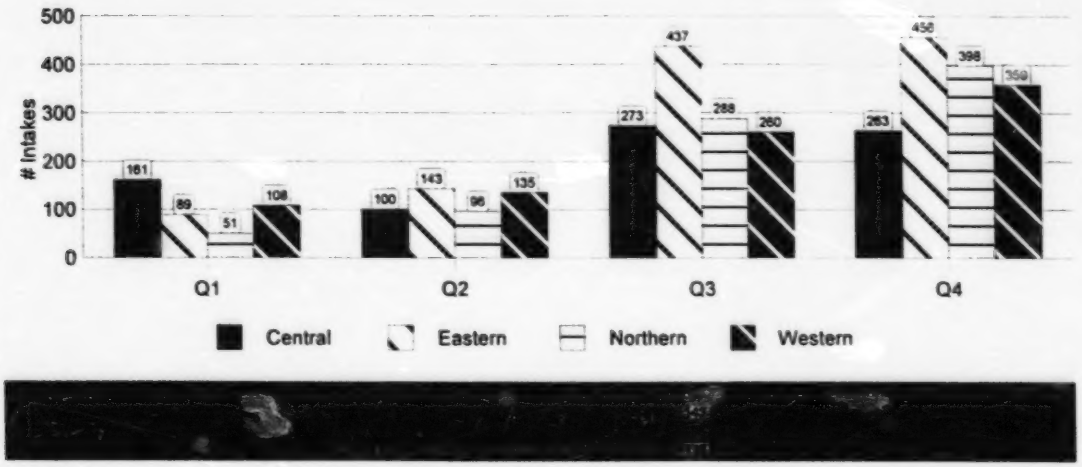
HOME CARE - 1996/97

Chronic Home Care Program Admissions by Quarter



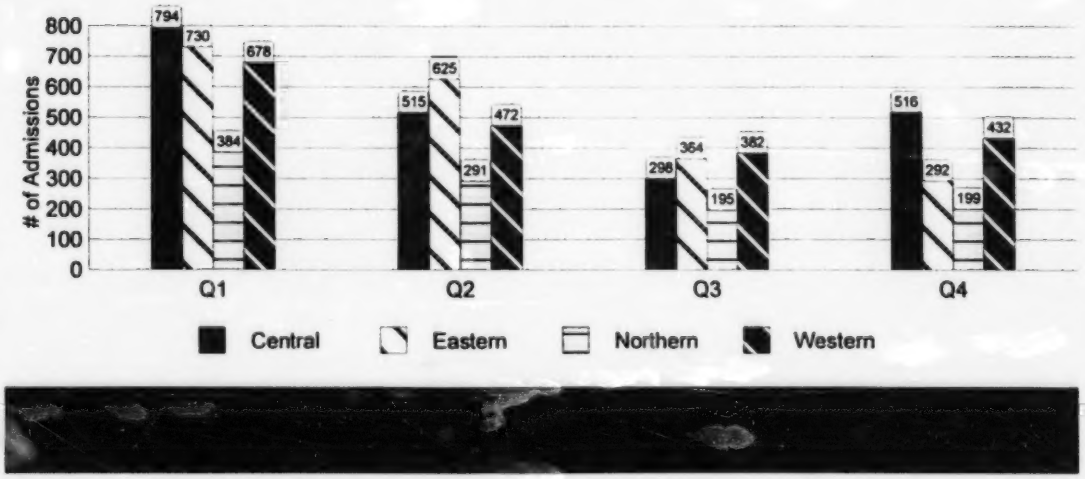
HOME CARE - 1996/97

Number of Intakes Waiting to be Assessed by Quarter



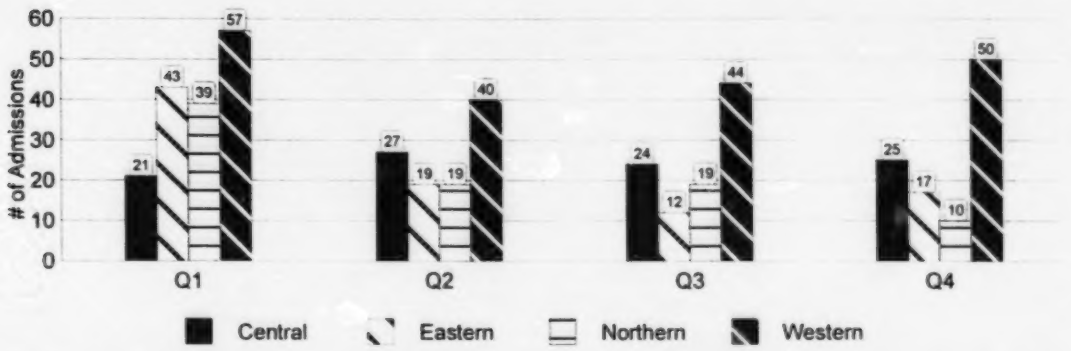
HOME CARE - 1996/97

Number of Admissions by Quarter



HOME CARE - 1996/97

Home Hospital Program Admissions



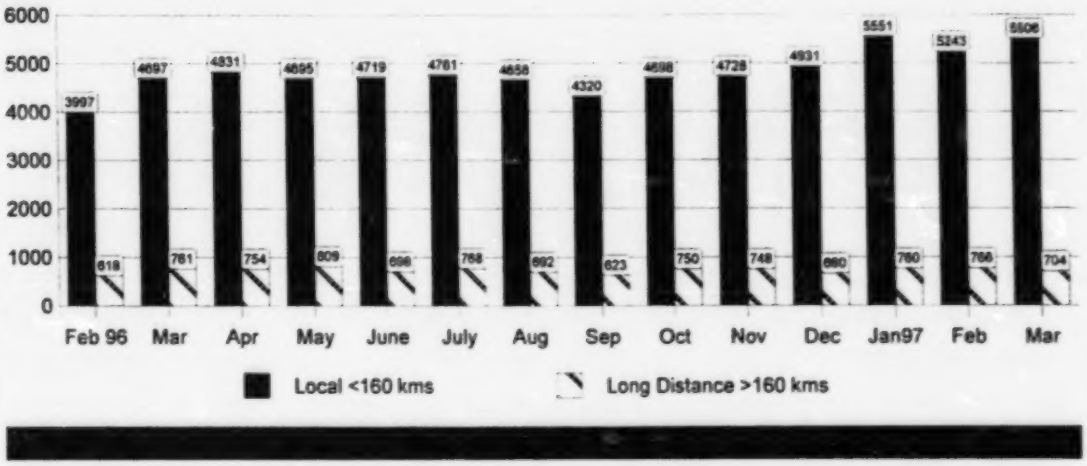
EMERGENCY HEALTH SERVICES

The following slide highlights:

Number of Government Paid Patient Pick-Ups.

EMERGENCY HEALTH SERVICES

Government Paid Patient Pick-Ups

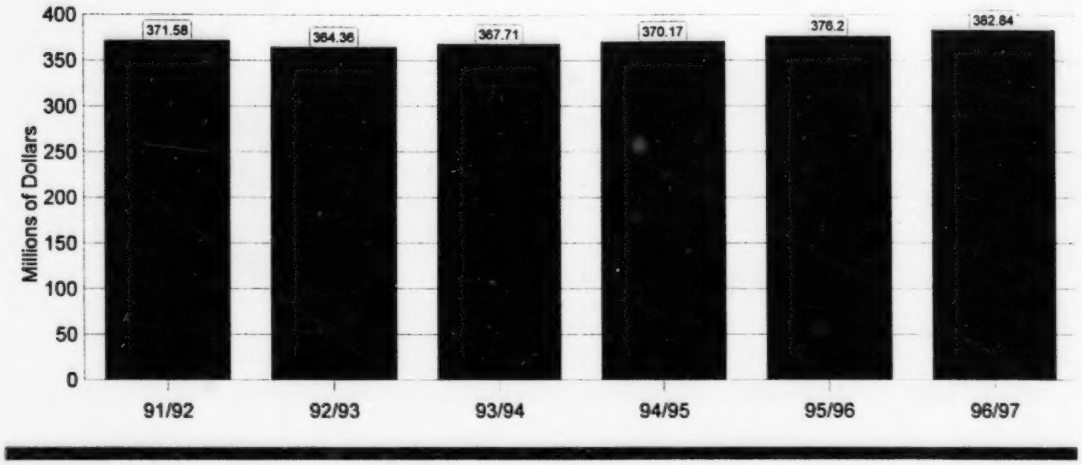


EXPENDITURES FOR INSURED SERVICES

The following slide highlights:

Expenditures for Insured Services

EXPENDITURES FOR INSURED SERVICES



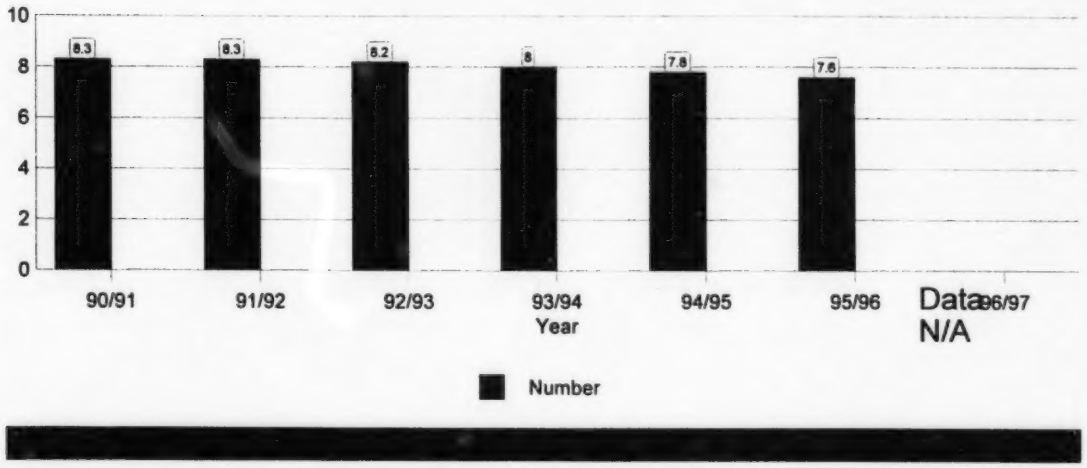
PHYSICIAN SERVICES

The following slides highlight:

Physician Services per Insured,
Physician Expenditures per Insured and
Population per GP.

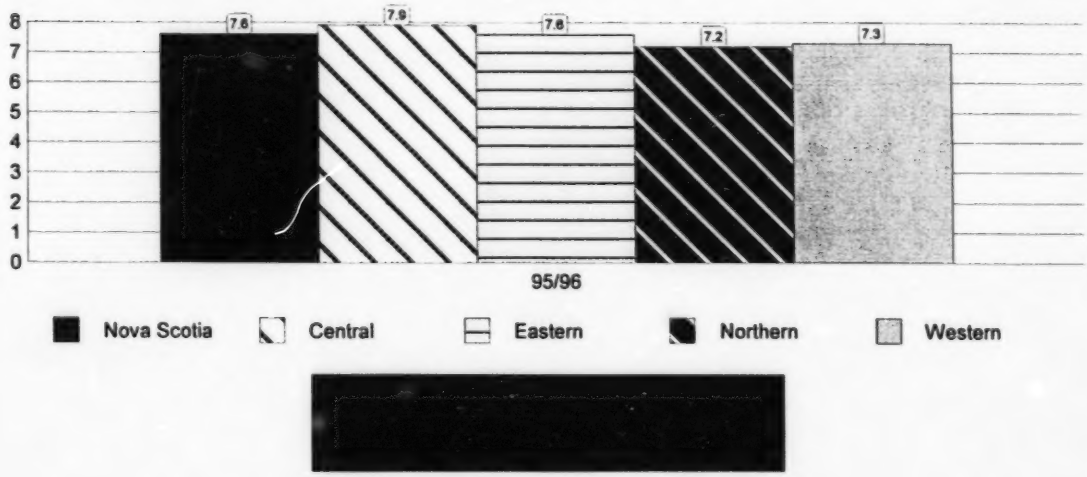
OF PHYSICIAN SERVICES PER INSURED

Fee-for-Service Only



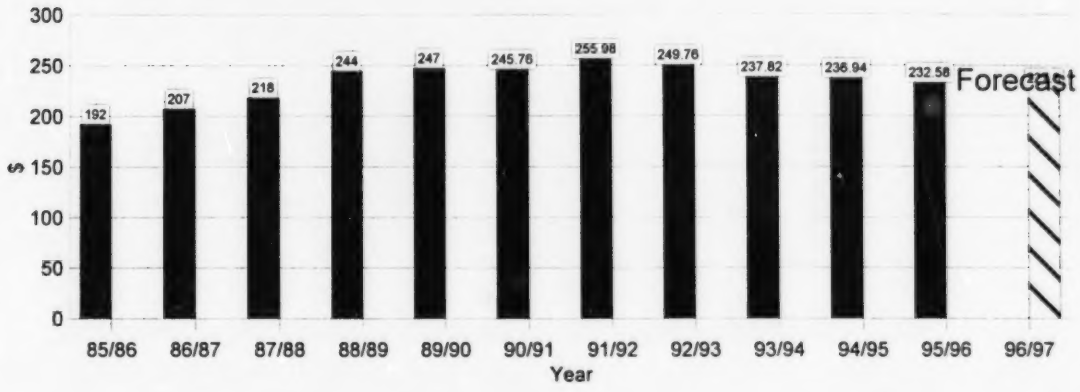
OF PHYSICIAN SERVICES PER INSURED

Fee-for-Service Only - By Region of Residence
1995/96



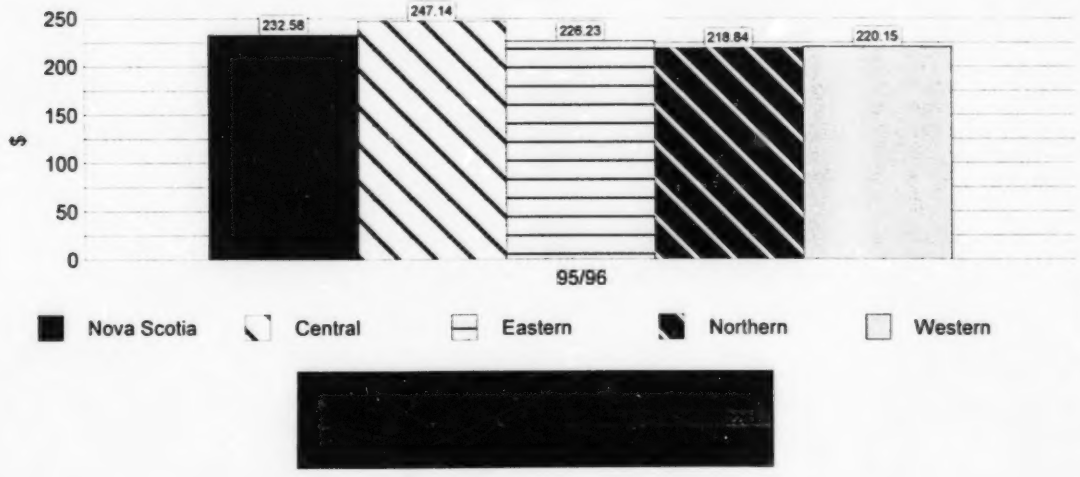
PHYSICIAN $ PER INSURED

Fee-For-Service Only



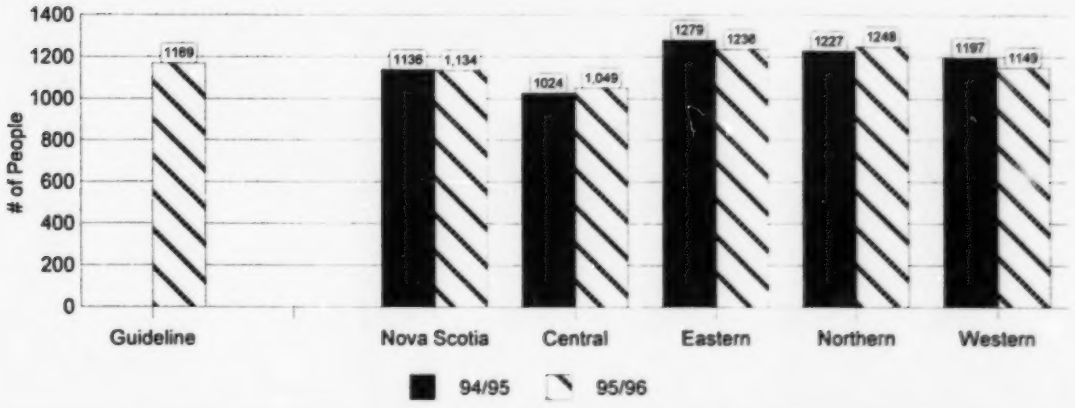
PHYSICIAN $ PER INSURED

Fee-For-Service Only - By Region of Residence
1995/96



POPULATION PER GP BY REGION OF RESIDENCE

Each GP = 1 Full-Time Equivalent

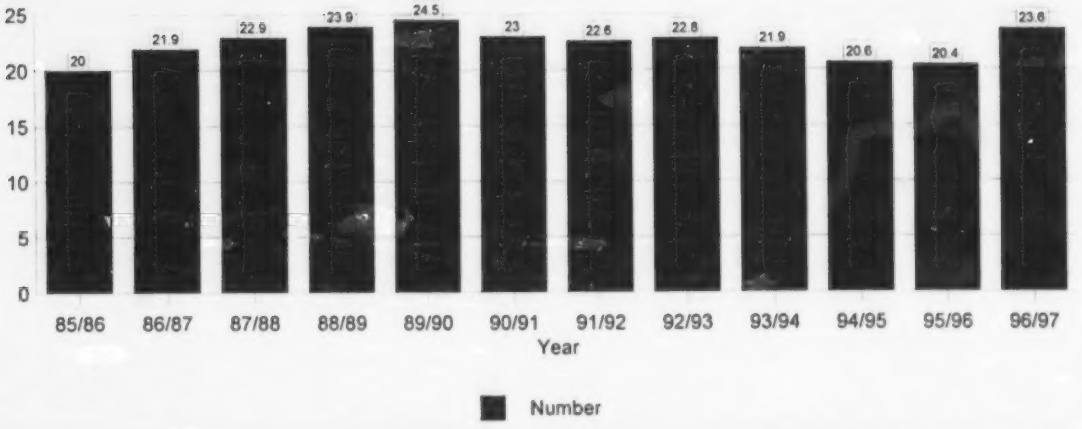


PHARMACARE

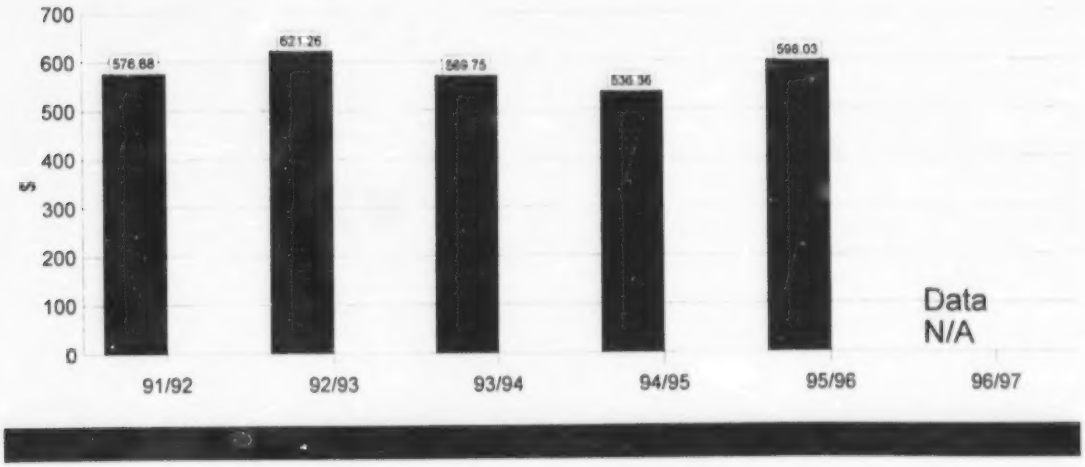
The following slide highlights:

Number of Prescriptions per Insured and Amount Paid for Prescriptions per Insured.

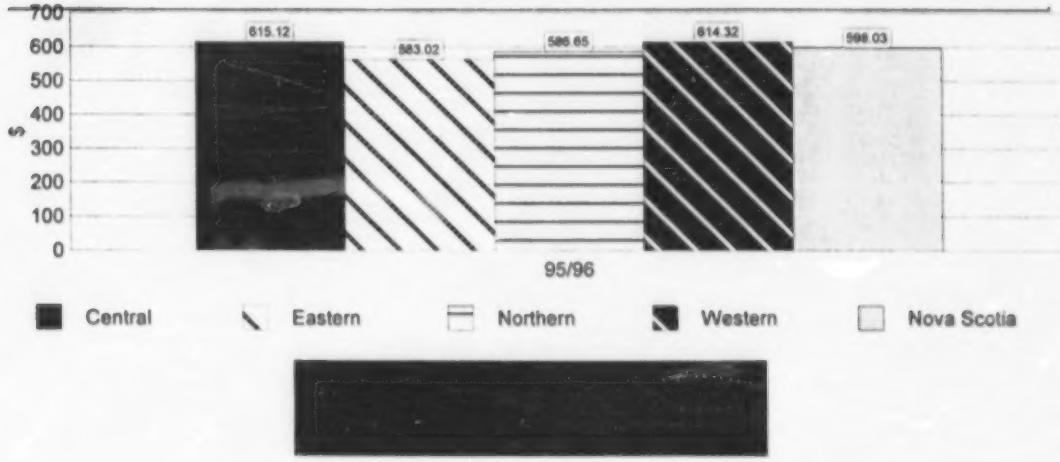
NUMBER OF PRESCRIPTIONS PER INSURED



AMOUNT PAID FOR PRESCRIPTIONS PER INSURED



AMOUNT PAID FOR PRESCRIPTIONS PER INSURED BY REGION OF RESIDENCE - 1995/96



DENTICARE

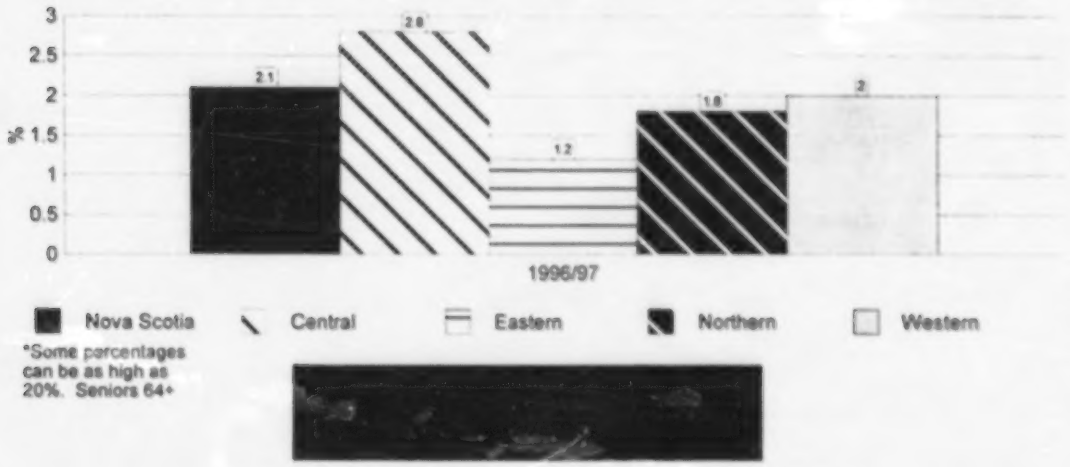
The following slides highlight:

Percentage of Children Receiving Annual Check-Ups

Average Number of Restorations per Insured Resident

ADVERSE REACTIONS TO PRESCRIPTION DRUGS-SENIORS

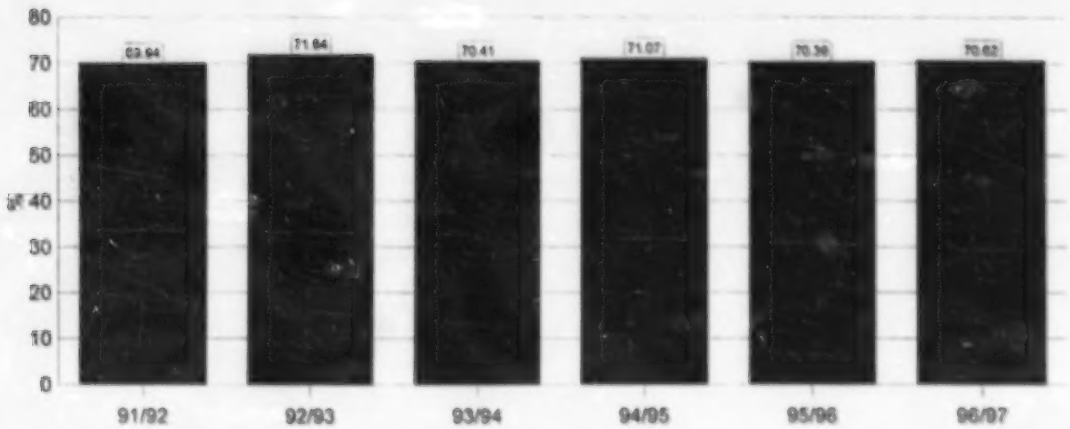
Adverse Reactions as a Percentage* of All Separations By Region of Hospitalization - 1996/97



*Some percentages can be as high as 20%. Seniors 64+

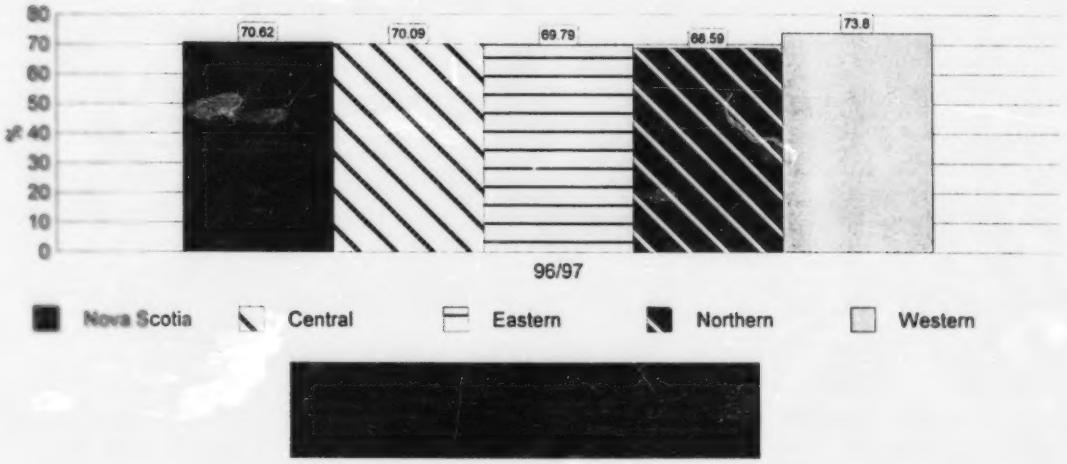
% OF CHILDREN RECEIVING ANNUAL CHECK-UPS

3 to 9 years of age



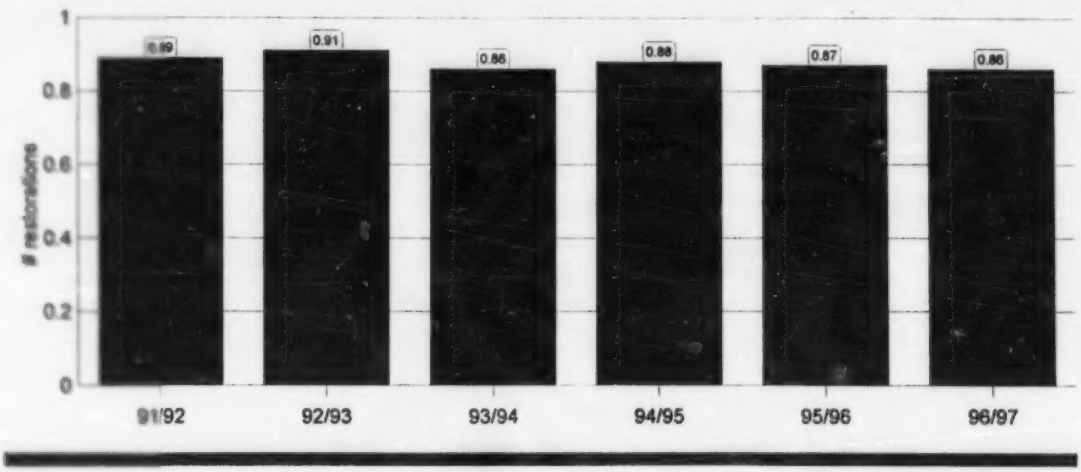
% OF CHILDREN RECEIVING ANNUAL CHECK-UPS

3 to 9 years of age
by Region of Residence - 1996/97

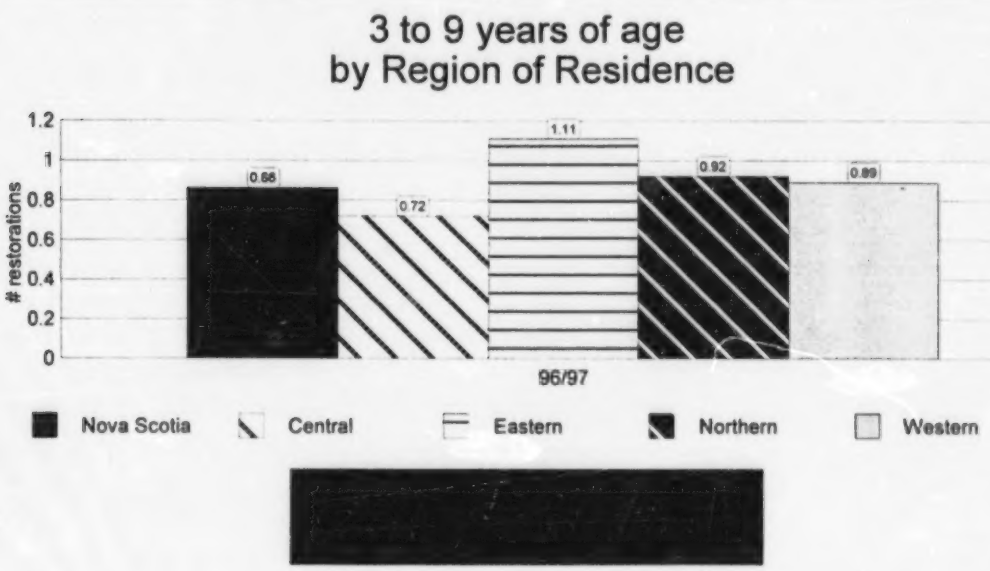


AVERAGE NUMBER OF RESTORATIONS PER INSURED

3 to 9 years of age



AVERAGE NUMBER OF RESTORATIONS PER INSURED



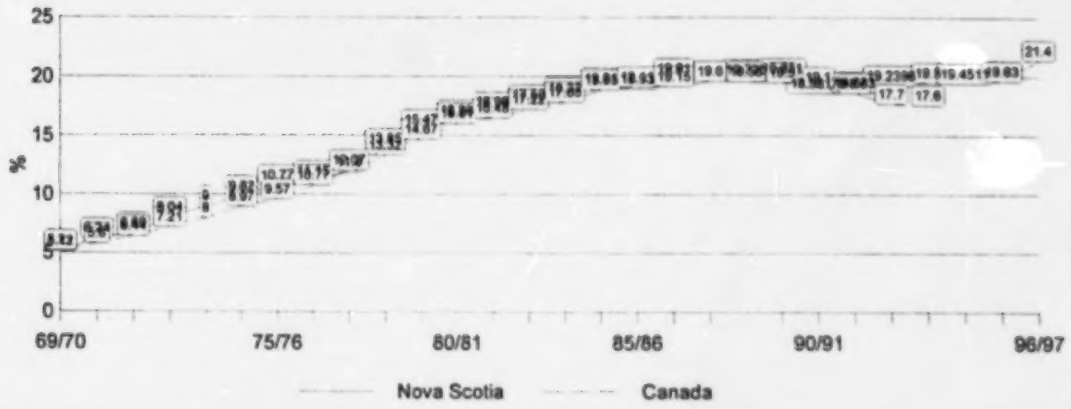
WOMEN'S HEALTH

The following slides highlight:

Caesarean Sections,
Mammography Screening,
Breast Cancer,
Cervical Cancer and
Gynaecological Cancer Screening.

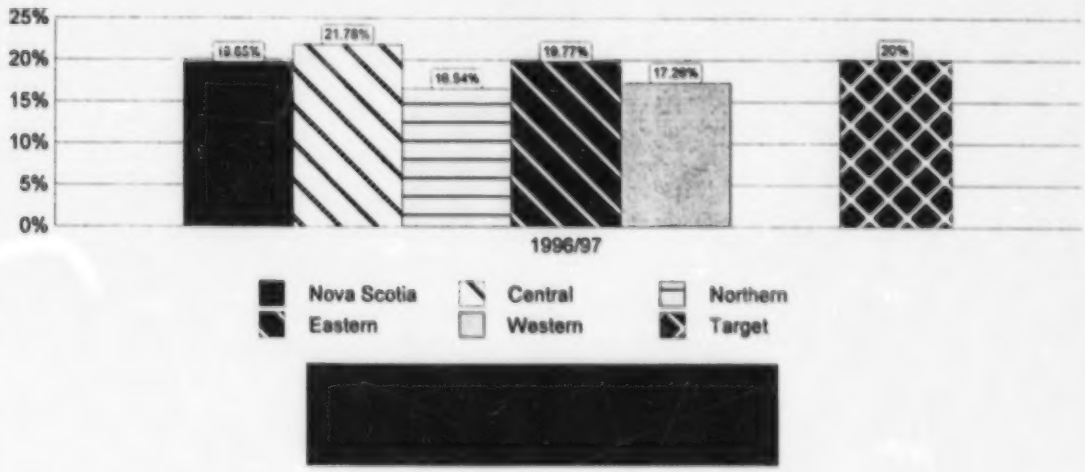
CAESAREAN SECTIONS PER 100 DELIVERIES

Canada and Nova Scotia 1969/70 to 1996/97



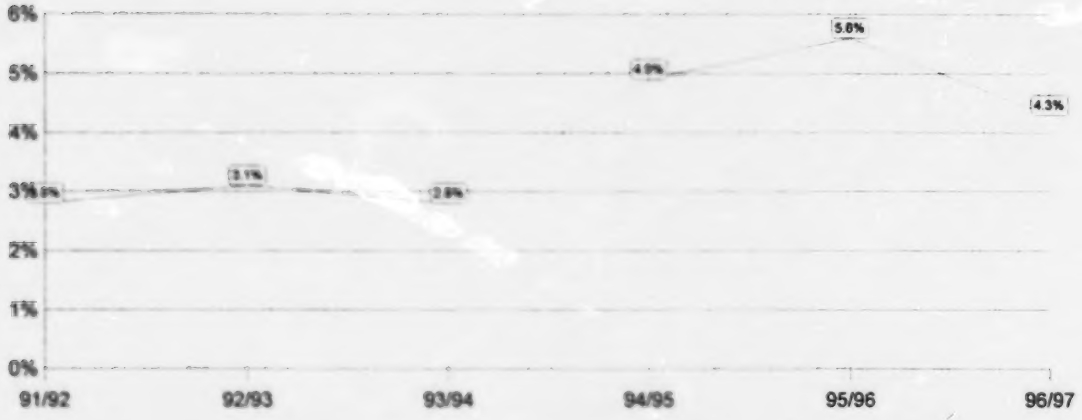
CAESAREAN SECTION RATE

By Region of Residence - Nova Scotia
1996/97



MAMMOGRAPHY SCREENING PROVINCE-WIDE RATE

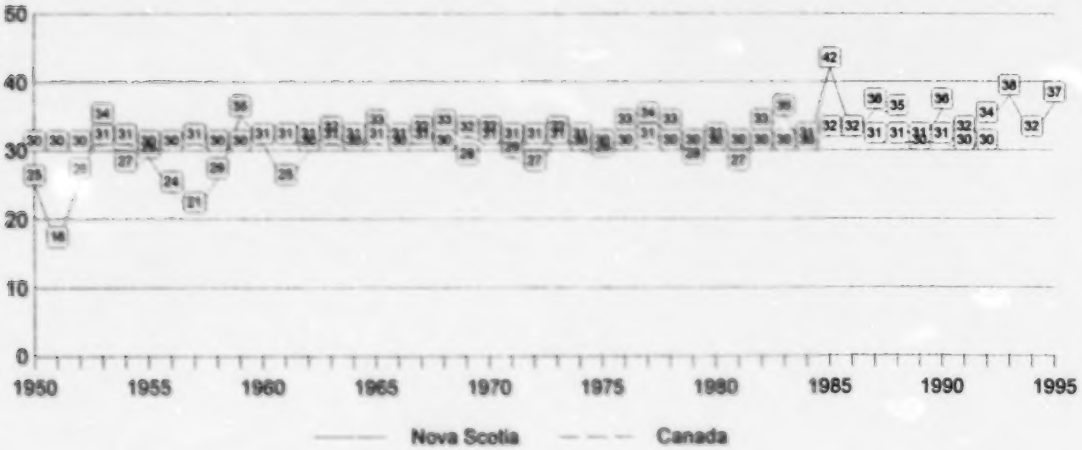
Percentage of Women Ages 50 to 69 Screened* 1991/92-1996/97



*Women screened who have had at least one visit/screen per year using yearly NS population estimates
Source: Nova Scotia Breast Screening Program

BREAST CANCER MORTALITY RATES*

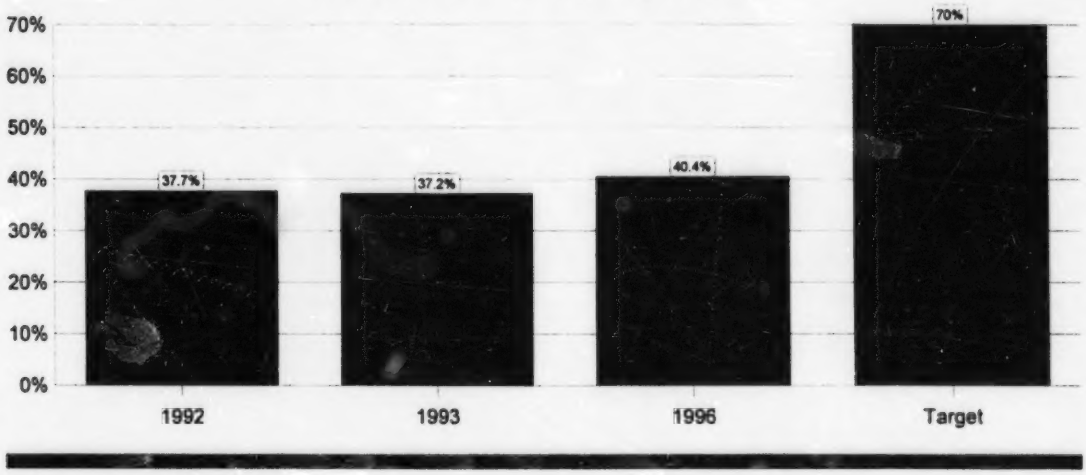
Nova Scotia & Canada 1950 to 1995



*Rates based on 1971 population figures
Source: Statistics Canada Health Indicators Database, 1950-1992; N.S. Vital Statistics, 1993-1995.

NS GYNAECOLOGICAL CANCER SCREENING PROGRAM

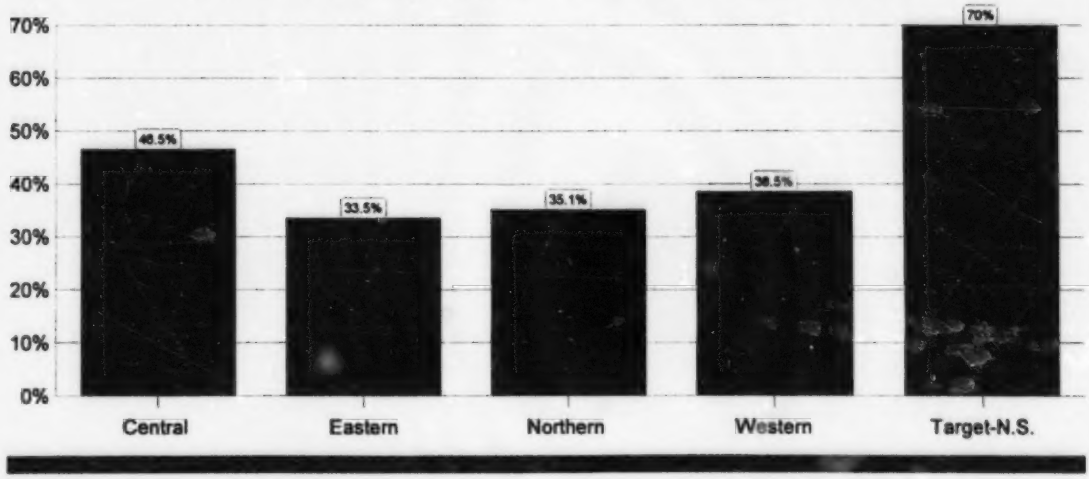
Percentage of Women 15+ years Screened (PAP Test) - 1992-1996



Source: NS Gynaecological Cancer Screening Program Registry Database

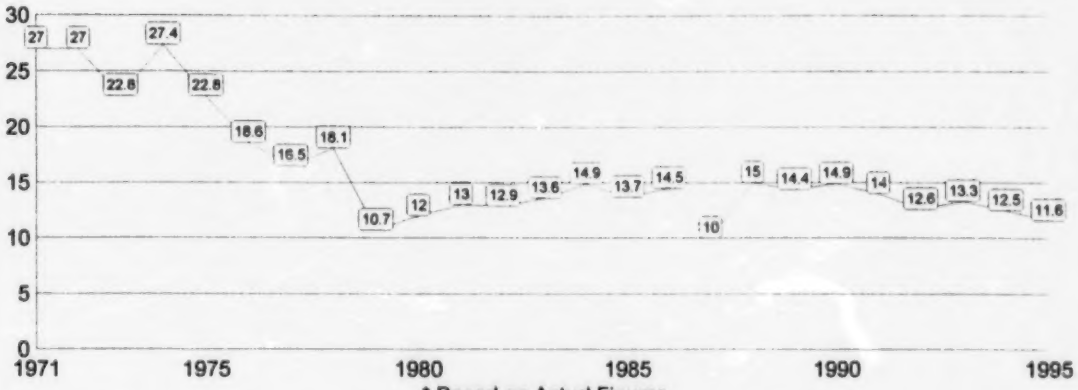
NS GYNAECOLOGICAL CANCER SCREENING PROGRAM

Percentage of Women 15+ years Screened (PAP Test) By Region of Residence - 1996



CERVICAL CANCER INCIDENCE RATES

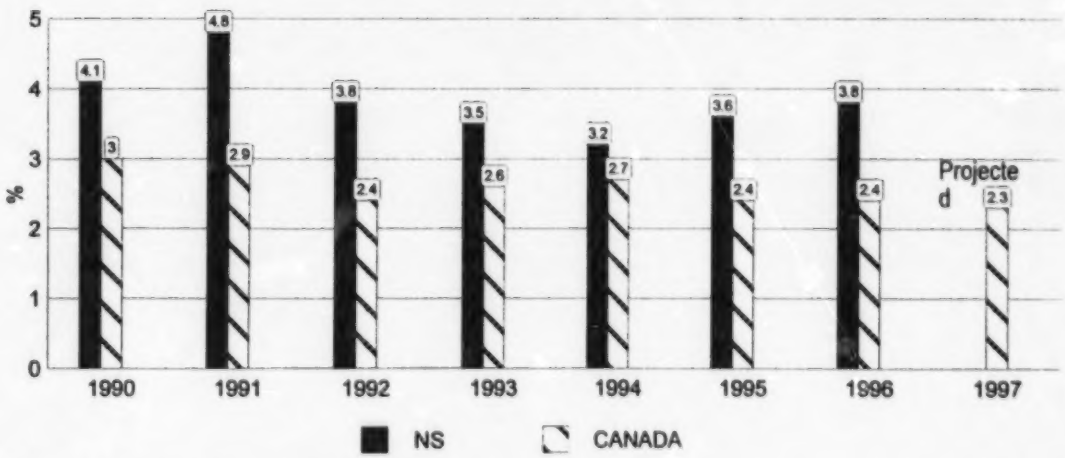
NOVA SCOTIA 1971 -1995



* Based on Actual Figures

CERVICAL CANCER MORTALITY RATES*

Nova Scotia & Canada - 1990 to 1996



*Rates are age-standardized to the 1991 population
Source: Nova Scotia Cancer Registry and the Canadian Cancer Statistics